HB
1355.K4
M887
1920

MORTALITY
OF
KENTUCKY

1911-19

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Mortality of Kentucky, 1911-19

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MID-YEAR POPULATION ESTIMATES OF COUNTIES OF KENTUCKY 1910, 1915-1920

County	1910	1915	1916	1917	1918	1919	1920
Adair	16,498	16,913	16,996	17,079	17,162	17,245	17,330
Allen	14,969	15,914	16,103	16,292	16,481	16,670	16,855
Anderson	10,138	10,054	10,038	10,022	10,006	9,990	9,974
Ballard	12,660	12,510	12,251	12,192	12,133	12,074	12,015
Barren	25,240	25,300	25,312	25,324	25,336	25,348	25,362
Bath	13,909	12,901	12,700	12,499	12,298	12,097	11,896
Bell	28,371	31,326	31,917	32,508	33,099	33,690	34,283
Boone	9,477	9,527	9,537	9,547	9,557	9,567	9,577
Bourbon	17,517	17,987	18,081	18,175	18,269	18,363	18,465
Boyd	23,609	26,594	27,191	27,788	28,385	28,982	29,579
Boyle	14,657	14,802	14,831	14,860	14,889	14,918	14,948
Bracken	10,353	10,278	10,263	10,248	10,233	10,218	10,203
Breathitt	17,604	19,184	19,500	19,816	20,132	20,448	20,772
Breckenridge	20,952	20,264	20,128	19,992	19,856	19,720	19,584
Bullitt	9,482	9,400	9,384	9,368	9,352	9,336	9,320
Butler	15,778	15,472	15,411	15,350	15,289	15,228	15,167
Caldwell	14,069	14,020	14,010	14,000	13,990	13,980	13,970
Calloway	19,897	20,367	20,461	20,555	20,649	20,743	20,839
Campbell	59,351	60,676	60,941	61,206	61,471	61,736	62,000
Carlisle	9,037	8,614	8,529	8,444	8,359	8,274	8,189
Carroll	8,168	8,258	8,276	8,294	8,312	8,330	8,355
Carter	21,945	22,225	22,281	22,337	22,393	22,449	22,502
Casey	15,556	16,426	16,600	16,774	16,948	17,122	17,300
Christian	38,674	37,206	36,912	36,618	36,324	36,030	35,736
Clark	17,924	17,664	17,613	17,562	17,511	17,460	17,409
Clay	17,823	18,858	19,065	19,272	19,479	19,686	19,899
Clinton	8,168	8,388	8,432	8,476	8,520	8,564	8,611
Crittenden	13,341	13,229	13,206	13,183	13,160	13,137	13,114
Cumberland	9,859	10,274	10,357	10,440	10,523	10,606	10,689
Daviess	40,942	40,832	40,810	40,788	40,766	40,744	40,722
Edmonson	10,480	10,695	10,738	10,781	10,824	10,867	10,915
Elliott	9,784	9,310	9,216	9,122	9,028	8,934	8,840
Estill	12,421	14,076	14,407	14,738	15,069	15,400	15,734
Fayette	47,906	51,461	52,172	52,883	53,594	54,305	55,019
Fleming	16,070	15,830	15,782	15,734	15,686	15,638	15,590
Floyd	18,977	23,422	24,311	25,200	26,089	26,978	27,872
Franklin	21,040	20,154	19,977	19,800	19,623	19,446	19,269
Fulton	14,098	14,678	14,794	14,910	15,026	15,142	15,255
Gallatin	4,709	4,687	4,682	4,677	4,672	4,667	4,662
Garrard	11,927	12,227	12,287	12,347	12,407	12,467	12,533
Grant	10,647	10,534	10,512	10,490	10,468	10,446	10,424
Graves	33,477	32,956	32,851	32,746	32,641	32,536	32,431
Grayson	19,954	19,941	19,938	19,935	19,932	19,929	19,926
Green	11,856	11,611	11,562	11,513	11,464	11,415	11,366
Greenup	18,471	19,306	19,473	19,640	19,807	19,974	20,145

MID-YEAR POPULATION ESTIMATES
OF COUNTIES OF KENTUCKY
1910, 1915-1920

County	1910	1915	1916	1917	1918	1919	1920
Hancock	8,443	7,651	7,494	7,337	7,180	7,023	6,866
Hardin	22,782	23,572	23,730	23,888	24,046	24,204	24,366
Harlan	11,595	22,095	24,195	26,295	28,395	30,495	32,596
Harrison	16,866	16,302	16,190	16,078	15,966	15,854	15,742
Hart	18,198	18,378	18,414	18,450	18,486	18,522	18,562
Henderson	29,362	28,437	28,253	28,069	27,885	27,701	27,517
Henry	13,725	13,560	13,527	13,494	13,461	13,428	13,395
Hickman	11,674	10,919	10,769	10,619	10,469	10,319	10,169
Hopkins	34,189	34,116	34,101	34,086	34,071	34,056	34,041
Jackson	10,774	11,249	11,344	11,439	11,534	11,629	11,730
Jefferson	263,251	275,416	277,849	280,282	282,715	285,148	287,585
Jessamine	12,573	12,376	12,338	12,300	12,262	12,224	12,186
Johnson	17,486	18,611	18,836	19,061	19,286	19,511	19,734
Kenton	70,323	71,968	72,297	72,626	72,955	73,284	73,617
Knott	10,778	11,238	11,330	11,422	11,514	11,606	11,701
Knox	22,088	23,183	23,402	23,621	23,840	24,059	24,280
Larue	10,668	10,320	10,250	10,180	10,110	10,040	9,970
Laurel	19,806	19,811	19,812	19,813	19,814	19,814	19,814
Laurence	19,933	18,728	18,487	18,246	18,005	17,764	17,525
Lee	9,607	10,822	11,065	11,308	11,551	11,794	12,039
Leslie	8,969	9,559	9,677	9,795	9,913	10,031	10,156
Letcher	11,225	18,165	19,553	20,941	22,329	23,717	25,111
Lewis	16,861	16,315	16,209	16,099	15,991	15,883	15,775
Lincoln	17,804	17,107	16,968	16,829	16,690	16,551	16,412
Livingston	10,602	10,145	10,054	9,963	9,872	9,781	9,690
Logan	24,937	24,250	24,113	23,976	23,839	23,702	23,565
Lyon	9,389	9,074	9,012	8,950	8,888	8,826	8,764
Madison	26,878	26,540	26,472	26,404	26,336	26,268	26,200
Magoffin	13,617	13,742	13,767	13,792	13,817	13,842	13,871
Marion	16,289	15,887	15,807	15,727	15,647	15,567	15,487
Marshall	15,686	15,435	15,386	15,337	15,288	15,239	15,190
Martin	7,266	7,466	7,506	7,546	7,586	7,626	7,674
Mason	18,618	18,165	18,075	17,985	17,895	17,805	17,715
Meade	9,786	9,604	9,568	9,532	9,496	9,460	9,424
Menifee	6,151	5,954	5,915	5,876	5,837	5,798	5,759
Mercer	14,109	14,469	14,541	14,613	14,685	14,757	14,831
Metcalfe	10,421	10,237	10,201	10,165	10,129	10,093	10,057
Monroe	13,674	13,959	14,016	14,073	14,130	14,187	14,242
Montgomery	12,836	12,524	12,462	12,400	12,338	12,276	12,214
Morgan	16,176	16,356	16,392	16,428	16,464	16,500	16,536
Muhlenberg	28,619	31,109	31,607	32,105	32,603	33,101	33,602
McCracken	34,997	36,182	36,419	36,656	36,893	37,130	37,364
McCreary		8,877	9,499	10,121	10,743	11,365	11,987
McLean	13,184	12,826	12,754	12,682	12,610	12,538	12,466
Nelson	16,789	16,443	16,375	16,307	16,239	16,171	16,103
Nicholas	10,603	10,227	10,153	10,079	10,005	9,931	9,857

MID-YEAR POPULATION ESTIMATES OF COUNTIES OF KENTUCKY 1910, 1915-1920

County	1910	1915	1916	1917	1918	1919	1920
Ohio	27,574	26,995	26,879	26,763	26,647	26,531	26,415
Oldham	7,267	7,487	7,531	7,575	7,619	7,663	7,711
Owen	14,261	13,360	13,181	13,002	12,823	12,644	12,465
Owsley	7,942	7,879	7,866	7,853	7,840	7,827	7,814
Pendleton	12,055	11,877	11,842	11,807	11,772	11,737	11,702
Perry	11,911	19,346	20,833	22,320	23,807	25,294	26,785
Pike	32,321	41,351	43,157	44,963	46,769	48,575	50,381
Powell	6,294	6,529	6,576	6,623	6,670	6,717	6,768
Pulaski	35,758	34,401	34,305	34,209	34,113	34,017	33,918
Robertson	4,129	3,993	3,966	3,939	3,912	3,885	3,858
Rockcastle	14,463	14,958	15,057	15,156	15,255	15,354	15,455
Rowan	9,406	9,436	9,442	9,448	9,454	9,460	9,470
Russell	10,877	11,392	11,495	11,598	11,701	11,804	11,905
Scott	16,904	16,070	15,903	15,736	15,569	15,402	15,235
Shelby	18,072	18,312	18,360	18,408	18,456	18,504	18,556
Simpson	11,448	11,290	11,259	11,228	11,197	11,166	11,135
Spencer	7,575	7,685	7,707	7,729	7,751	7,773	7,796
Taylor	11,952	12,102	12,132	12,162	12,192	12,222	12,251
Todd	16,471	16,063	15,981	15,899	15,817	15,735	15,653
Trigg	14,509	14,352	14,320	14,288	14,256	14,224	14,192
Trimble	6,507	6,242	6,193	6,141	6,089	6,037	5,985
Union	19,834	18,891	18,702	18,513	18,324	18,135	17,946
Warren	30,577	30,722	30,751	30,780	30,809	30,838	30,873
Washington	13,988	14,398	14,480	14,562	14,644	14,726	14,814
Wayne	17,380	16,576	16,490	16,404	16,318	16,232	16,147
Webster	20,941	20,848	20,829	20,810	20,791	20,772	20,753
Whitley	31,578	25,999	26,308	26,617	26,926	27,235	27,548
Wolfe	9,781	9,256	9,151	9,046	8,941	8,836	8,731
Woodford	12,548	12,144	12,064	11,984	11,904	11,824	11,744

COUNTIES INCLUDED IN THE PHYSICAL REGIONS OF KENTUCKY.

Region	Population	All Causes	Rate per 1,000
North-Central Bluegrass	2,699,197	40,077	14.9
The Knobs (1)	2,743,787	40,495	14.8
Eastern Kentucky Mountains (2)	2,454,604	26,623	10.8
Southern and Southwestern Lower Carboniferous Plateau	2,159,765	27,942	12.9
Western Kentucky Coal Fields	1,105,765	15,569	14.1
Southwestern Mississippi Embayment	757,295	10,247	13.5

(1) The Knobs, exclusive of Louisville is 11.9 per 1,000.

(2) Eastern Coal Counties only is 11.3

LIST OF COUNTIES IN THE PHYSIOGRAPHIC REGIONS.

North-Central Bluegrass Section.	The Knobs Section	Eastern Kentucky Mountain Section	Southern and Southwestern Lower Carboniferous Plateau
Anderson	Bath	Bell	Adair
Boone	Bracken	Boyd	Allen
Bourbon	Bullitt	Breathitt	Barren
Boyle	Casey	Carter	Breckinridge
Campbell	Estill	Clay	Butler
Carroll	Fleming	Elliott	Caldwell
Clark	Jackson	Floyd	Christian
Fayette	Jefferson	Greenup	Clinton
Franklin	Lee	Harlan	Crittenden
Gallatin	Lewis	Johnson	Cumberland
Garrard	Marion	Knott	Edmonson
Grant	Mason	Knox	Grayson
Harrison	Menifee	Laurel	Green
Henry	Nelson	Lawrence	Hardin
Jessamine	Powell	Leslie	Hart
Kenton	Pulaski	Letcher	Larue
Lincoln	Rockcastle	McCreary	Livingston
Madison	Rowan	Magoffin	Logan
Mercer	Spencer	Martin	Lyon
Montgomery	Taylor	Morgan	Meade
Nicholas	Wolfe	Owsley	Metcalfe
Oldham		Perry	Monroe
Owen		Pike	Russell
Pendleton		Wayne	Simpson
Robertson		Whitley	Todd
Scott			Trigg
Shelby			Warren
Trimble			
Washington			
Woodforde			

Western Coal Field Area	Southwestern Mississippi Embayment Area.
Daviess	Ballard
Hancock	Calloway
Henderson	Carlisle
Hopkins	Fulton
McLean	Graves
Muhlenberg	Hickman
Ohio	McCracken
Union	Marshall
Webster	

MORTALITY OF KENTUCKY BY PHYSICAL REGIONS. 1915-1919.

MORTALITY FROM CERTAIN SPECIFIED CAUSES.

Region	Population	All Causes Deaths	All Causes Rate per 1,000	Pulmonary Tuberculosis Deaths	Pulmonary Tuberculosis Rate per 100,000	All Forms Tuberculosis Deaths	All Forms Tuberculosis Rate per 100,000
No.-Central Bluegrass	2,689,197	40,077	14.9	4,825	179.4	5,482	203.9
The Knobs	2,743,787	40,495	14.8	4,919	179.3	5,514	201.0
" " Jefferson Co.x	1,401,410	24,472	17.5	2,931	209.1	3,261	232.7
" " Area exclusive of Jefferson County	1,342,377	16,023	11.9	1,988	148.1	2,253	167.8
Eastern Kentucky Mts.	2,454,604	26,623	10.8	2,328	94.8	2,650	108.0
Eastern Kentucky Mts. Coal Counties	1,639,459	18,607	11.3	1,552	94.7	1,784	108.8
Eastern Kentucky Mts. Area exclusive of Coal Counties	815,145	8,016	9.8	776	95.2	866	106.2
Southern and Southwestern Carboniferous Plateau	2,159,765	27,942	12.9	4,059	187.9	4,607	213.3
Western Kentucky Coal Field	1,105,765	15,569	14.1	1,889	170.8	2,115	191.3
Southwestern Mississippi Embayment	757,295	10,247	13.5	1,354	178.8	1,529	201.9

x Jefferson County includes Louisville.

Region	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000	Cancer Deaths	Cancer Rate per 100,000	Pneumonia Deaths	Pneumonia Rate per 100,000
North-Central Bluegrass	596	25.8	1,879	69.9	3,763	139.9
The Knobs	591	21.5	1,637	59.7	4,208	153.4
The Knobs, Jefferson County (x)	182	13.0	1,134	80.9	2,826	201.7
The Knobs, Area exclusive of Jeff. Co.	409	30.5	503	37.5	1,382	103.0
Eastern Kentucky Mountains	734	29.9	520	21.2	2,277	92.8
Eastern Kentucky Mountains, Coal Counties	517	31.5	346	21.1	1,672	102.0
Eastern Kentucky Mountains, Area exclusive of Coal Counties	217	26.6	174	21.3	605	74.2
Southern and Southwestern Carboniferous Plateau	837	38.8	953	44.1	2,284	105.8
Western Kentucky Coal Field	404	36.5	486	44.0	1,342	121.4
Southwestern Mississippi Embayment	219	28.9	306	40.4	1,081	142.7

(x) Jefferson County includes Louisville.

TOTAL MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

	POPULATION	ALL CAUSES	
		Deaths	Rate per 1,000
1911	2,305,877	30,407	13.2
1912	2,318,838	29,859	12.9
1913	2,331,799	30,646	13.1
1914	2,344,760	30,360	12.9
1915	2,357,721	28,986	12.3
1916	2,370,682	30,073	12.7
1917	2,383,643	32,723	13.7
1918	2,396,604	39,532	16.5
1919	2,409,565	30,734	12.8

	TYPHOID FEVER		MALARIA		DYSENTERY	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1069	46.4	237	10.3	344	14.9
1912	792	34.2	222	9.6	238	10.3
1913	998	42.8	190	8.1	366	15.7
1914	980	41.8	165	7.0	309	13.2
1915	718	30.5	151	6.4	263	11.2
1916	737	31.1	153	6.5	301	12.7
1917	833	34.9	136	5.7	331	13.9
1918	649	27.1	109	4.5	323	13.5
1919	648	26.9	73	3.0	314	13.0

	PELLAGRA		TUBERCULOSIS OF LUNGS		ALL FORMS OF TUBERCULOSIS	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	65	2.8	4,476	194.1	5,293	229.5
1912	116	5.0	4,150	179.0	4,846	209.0
1913	104	4.5	3,990	171.1	4,707	201.9
1914	149	6.4	4,184	178.4	4,884	208.3
1915	149	6.3	4,133	175.3	4,755	201.7
1916	124	5.2	3,967	167.3	4,626	195.1
1917	197	8.3	4,085	171.4	4,734	198.6
1918	147	6.1	4,133	172.5	4,744	197.9
1919	111	4.6	3,518	146.0	3,982	165.3

TOTAL MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	CANCER		VENEREAL DISEASES		DIABETES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	986	42.8	144	6.2	158	6.9
1912	1,043	45.0	138	6.0	187	8.1
1913	1,122	48.1	134	5.7	172	7.4
1914	1,081	46.1	145	6.2	174	7.4
1915	1,176	49.9	156	6.6	201	8.5
1916	1,214	51.2	191	8.1	229	9.7
1917	1,289	54.1	141	5.9	232	9.7
1918	1,272	53.1	167	7.0	178	7.4
1919	1,267	52.6	117	4.9	188	7.8

Year	DISEASES OF NERVOUS SYSTEM		LOCOMOTOR ATAXIA		GENERAL PARALYSIS OF THE INSANE	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	2,703	117.2	49	2.1	90	3.9
1912	2,829	122.0	36	1.6	70	3.0
1913	2,682	115.0	40	1.7	104	4.5
1914	2,599	110.8	43	1.8	114	4.9
1915	2,652	112.5	38	1.6	153	6.5
1916	2,593	109.4	45	1.9	164	6.9
1917	2,722	114.2	47	2.0	172	7.2
1918	2,797	116.7	30	1.3	165	6.9
1919	2,586	107.3	39	1.6	155	6.4

Year	DISEASES OF THE CIRCULATORY SYSTEM		DISEASES OF THE RESPIRATORY SYSTEM		DISEASES OF THE DIGESTIVE SYSTEM	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	2,507	108.7	2,989	129.6	3,215	139.4
1912	2,740	118.2	3,101	133.7	2,960	127.7
1913	2,644	113.4	3,006	128.9	3,340	143.2
1914	2,725	116.2	3,280	140.0	3,109	132.6
1915	2,983	126.5	2,948	125.0	2,677	113.5
1916	2,970	125.3	3,230	136.2	3,031	127.9
1917	3,443	144.4	3,470	145.6	3,215	134.9
1918	3,096	129.2	5,322	222.1	2,755	115.0
1919	2,738	113.6	3,512	145.8	2,472	102.6

(Continued)

TOTAL MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	BRIGHT'S DISEASE AND NEPHRITIS		PUERPERAL STATE		SUICIDE	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1,521	66.0	407	17.7	201	8.7
1912	1,751	75.5	360	15.5	209	9.0
1913	1,876	80.5	373	16.0	200	8.6
1914	1,873	79.9	354	15.1	233	9.9
1915	1,979	83.9	330	14.0	257	10.9
1916	1,970	83.1	334	14.1	181	7.6
1917	2,302	96.6	371	15.6	195	8.2
1918	2,098	87.5	499	20.8	186	7.8
1919	1,897	78.7	365	15.1	173	7.2

Year	ACCIDENTS		HOMICIDES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1,478	64.1	315	13.7
1912	1,509	65.1	248	10.7
1913	1,580	67.8	322	13.8
1914	1,471	62.7	319	13.6
1915	1,287	54.6	280	11.9
1916	1,460	61.6	237	10.0
1917	1,622	68.0	306	12.8
1918	1,500	62.6	238	9.9
1919	1,363	56.6	187	7.8

WHITE MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

	POPULATION	ALL CAUSES	
		Deaths	Rate per 1,000
1911	2,042,029	24,580	12.0
1912	2,053,517	24,283	11.8
1913	2,064,995	25,034	12.1
1914	2,076,473	24,668	11.9
1915	2,087,951	23,481	11.2
1916	2,099,429	24,801	11.8
1917	2,110,907	26,893	12.7
1918	2,122,385	32,972	15.5
1919	2,133,863	25,706	12.0

	TYPHOID FEVER		MALARIA		DYSENTERY	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	893	43.7	182	8.9	292	14.3
1912	648	31.6	166	8.1	202	9.8
1913	831	40.2	136	6.6	331	16.0
1914	809	39.0	119	5.7	263	12.7
1915	587	28.1	117	5.6	231	11.1
1916	619	29.5	116	5.5	274	13.1
1917	673	31.9	96	4.5	298	14.1
1918	538	25.3	82	3.9	290	13.7
1919	536	25.1	56	2.6	289	13.5

	PELLAGRA		TUBERCULOSIS OF LUNGS		ALL FORMS OF TUBERCULOSIS	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	58	2.8	3,390	166.0	4,020	196.9
1912	98	4.8	3,127	152.3	3,678	179.1
1913	95	4.6	3,029	146.7	3,572	173.0
1914	138	6.6	3,117	150.1	3,656	176.1
1915	135	6.5	3,057	146.4	3,550	170.0
1916	116	5.5	2,960	141.0	3,479	165.7
1917	177	8.4	3,050	144.5	3,554	168.4
1918	135	6.4	3,158	148.8	3,633	171.2
1919	104	4.9	2,726	127.7	3,109	145.7

WHITE MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	CANCER		VENEREAL DISEASES		DIABETES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	859	42.1	69	3.4	145	7.1
1912	935	45.5	61	3.0	165	8.0
1913	993	48.1	73	3.5	161	7.8
1914	959	46.2	83	4.0	155	7.5
1915	1,040	49.8	71	3.4	177	8.5
1916	1,089	51.9	97	4.6	201	9.6
1917	1,144	54.2	67	3.2	207	9.8
1918	1,142	53.8	82	3.9	149	7.0
1919	1,121	52.5	70	3.3	170	8.0

Year	DISEASES OF NERVOUS SYSTEM		LOCOMOTOR ATAXIA		GENERAL PARALYSIS OF THE INSANE	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	2,227	109.1	44	2.2	83	4.1
1912	2,317	112.8	33	1.6	56	2.7
1913	2,167	104.9	38	1.8	84	4.1
1914	2,159	104.0	39	1.9	97	4.7
1915	2,210	105.8	36	1.7	121	5.8
1916	2,169	103.3	41	2.0	121	5.8
1917	2,245	106.4	44	2.1	129	6.1
1918	2,337	110.1	28	1.3	129	6.1
1919	2,153	100.9	32	1.5	115	5.4

Year	DISEASES OF THE CIRCULATORY SYSTEM		DISEASES OF THE RESPIRATORY SYSTEM		DISEASES OF THE DIGESTIVE SYSTEM	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1,948	95.4	2,285	111.9	2,718	133.1
1912	2,131	103.8	2,447	119.2	2,489	121.2
1913	2,099	101.6	2,391	115.8	2,880	139.5
1914	2,104	101.3	2,651	127.7	2,639	127.1
1915	2,348	112.5	2,275	109.0	2,249	107.7
1916	2,395	114.1	2,623	124.9	2,597	123.7
1917	2,712	128.5	2,813	133.3	2,756	130.6
1918	2,402	113.2	4,218	198.7	2,344	110.4
1919	2,184	102.3	2,837	133.0	2,121	99.4

WHITE MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	BRIGHT'S DISEASE AND NEPHRITIS		PUERPERAL STATE		SUICIDES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1,252	61.3	331	16.2	191	9.4
1912	1,406	68.5	309	15.0	198	9.6
1913	1,477	71.5	318	15.4	189	9.2
1914	1,473	70.9	291	14.0	219	10.5
1915	1,570	75.2	290	13.9	239	11.4
1916	1,569	74.7	282	13.4	177	8.4
1917	1,827	86.6	323	15.3	189	9.0
1918	1,676	79.0	438	20.6	172	8.1
1919	1,510	70.8	314	14.7	170	8.0

Year	ACCIDENTS		HOMICIDES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	1,179	57.7	177	8.7
1912	1,227	59.8	151	7.4
1913	1,281	62.0	174	8.4
1914	1,213	56.4	164	7.9
1915	1,072	51.3	144	6.9
1916	1,226	58.4	140	6.7
1917	1,321	62.6	174	8.2
1918	1,253	59.0	141	6.6
1919	1,176	55.1	110	5.2

COLORED MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

	POPULATION	ALL CAUSES	
		Deaths	Rate per 1,000
1911	263,838	5,827	22.1
1912	265,321	5,576	21.0
1913	266,804	5,612	21.0
1914	268,287	5,692	21.2
1915	269,770	5,505	20.4
1916	271,253	5,272	19.4
1917	272,736	5,830	21.4
1918	274,219	6,560	23.9
1919	275,702	5,028	18.2

	TYPHOID FEVER		MALARIA		DYSENTERY	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	176	66.7	55	20.8	52	19.7
1912	144	54.3	56	21.1	36	13.6
1913	167	62.6	54	20.2	35	13.1
1914	171	63.7	46	17.1	46	17.1
1915	131	48.6	34	12.6	32	11.9
1916	118	43.5	37	13.6	27	10.0
1917	160	58.7	40	14.7	33	12.1
1918	111	40.5	27	9.8	33	12.0
1919	112	40.6	17	6.2	25	9.1

	PELLAGRA		TUBERCULOSIS OF LUNGS		ALL FORMS OF TUBERCULOSIS	
Year	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	7	2.7	1,086	411.6	1,273	482.5
1912	18	6.8	1,023	385.6	1,168	440.2
1913	9	3.4	961	360.2	1,135	425.4
1914	11	4.1	1,067	397.7	1,228	457.7
1915	14	5.2	1,076	398.9	1,205	446.7
1916	8	2.9	1,007	371.2	1,147	422.9
1917	20	7.3	1,035	379.5	1,180	432.7
1918	12	4.4	975	355.6	1,111	405.2
1919	7	2.5	792	287.3	873	316.6

COLORED MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	CANCER		VENEREAL DISEASES		DIABETES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	127	48.1	75	28.4	13	4.9
1912	108	40.7	77	29.0	22	8.3
1913	129	48.4	61	22.9	11	4.1
1914	122	45.5	62	23.1	19	7.1
1915	136	50.4	85	31.5	24	8.9
1916	125	46.1	94	34.7	28	10.3
1917	145	53.2	74	27.1	25	9.2
1918	130	47.4	85	31.0	29	10.6
1919	146	53.0	47	17.0	18	6.5

Year	DISEASES OF NERVOUS SYSTEM		LOCOMOTOR ATAXIA		GENERAL PARALYSIS OF THE INSANE	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	476	180.4	5	1.9	7	2.7
1912	512	193.0	3	1.1	14	5.3
1913	515	193.0	2	0.7	20	7.5
1914	440	164.0	4	1.5	17	6.3
1915	442	163.8	2	0.7	32	11.9
1916	424	156.3	4	1.5	43	15.9
1917	477	174.9	3	1.1	43	15.8
1918	460	167.7	2	0.7	36	13.1
1919	433	157.1	7	2.5	40	14.5

Year	DISEASES OF THE CIRCULATORY SYSTEM		DISEASES OF THE RESPIRATORY SYSTEM		DISEASES OF THE DIGESTIVE SYSTEM	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	559	211.9	704	266.8	497	188.4
1912	609	229.5	654	246.5	471	177.5
1913	545	204.3	615	230.5	460	172.4
1914	621	231.5	629	234.5	470	175.2
1915	635	235.4	673	249.5	428	158.7
1916	575	212.0	607	223.8	434	160.0
1917	731	268.0	657	240.9	459	168.3
1918	694	253.1	1,104	402.6	411	149.9
1919	554	200.9	675	244.8	351	127.3

COLORED MORTALITY FROM SPECIFIED CAUSES IN KENTUCKY

1911-1919

Year	BRIGHT'S DISEASE AND NEPHRITIS		PUERPERAL STATE		SUICIDES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	269	102.0	76	28.8	10	3.8
1912	345	130.0	51	19.2	11	4.1
1913	399	149.5	55	20.6	11	4.1
1914	400	149.1	63	23.5	14	5.2
1915	409	151.6	40	14.8	18	6.7
1916	401	147.8	52	19.2	4	1.5
1917	475	174.2	48	17.6	6	2.2
1918	422	153.9	61	22.2	14	5.1
1919	387	140.4	51	18.5	3	1.1

Year	ACCIDENTS		HOMICIDES	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
1911	299	113.3	138	52.3
1912	282	106.3	97	36.6
1913	299	112.1	148	55.5
1914	258	96.2	155	57.8
1915	215	79.7	136	50.4
1916	234	86.3	97	35.8
1917	301	110.4	132	48.4
1918	247	90.1	97	35.4
1919	187	67.8	77	27.9

MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

TOTAL

Year	Population	All Causes Deaths	All Causes Rate per 1,000	Puerperal State Deaths	Puerperal State Rate per 100,000	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000
Under 5	1,534,947	40,245	26.2	-	-	201	13.1
5-9	1,421,605	4,533	3.2	-	-	292	20.5
10-19	2,577,314	10,234	4.0	257	10.0	1,049	40.7
20-29	2,069,836	16,125	7.8	790	38.2	816	39.4
30-39	1,574,992	14,433	9.2	669	42.5	473	30.0
40-49	1,145,698	13,020	11.4	161	14.1	297	25.9
50-59	823,072	14,102	17.1	2	.2	223	27.1
60 & Over	770,751	47,784	62.0	-	-	202	26.2
Unknown		1,572		20		32	
All Ages	11,918,215	162,048	13.6	1,899	15.9	3,585	30.1

Year	Malaria Deaths	Malaria Rate per 100,000	Tuberculosis of Lungs Deaths	Tuberculosis of Lungs Rate per 100,000	Other Forms Tuberculosis Deaths	Other Forms Tuberculosis Rate per 100,000	Cancer Deaths	Cancer Rate per 100,000
Under 5	167	10.9	691	45.0	847	55.2	43	2.8
5-9	43	3.0	226	15.9	189	13.3	22	1.5
10-19	63	2.4	2,126	82.5	364	14.1	34	1.3
20-29	55	2.7	5,389	260.4	454	21.9	141	6.8
30-39	44	2.8	4,001	254.0	311	19.7	400	25.4
40-49	39	3.4	2,574	224.7	273	23.8	879	76.7
50-59	59	7.2	1,868	227.0	237	28.8	1,396	169.6
60 & Over	142	18.4	2,654	344.3	396	51.4	3,251	421.8
Unknown	10		221		20		52	
All Ages	622	5.2	19,750	165.7	3,091	25.9	6,218	52.2

MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

TOTAL.

Year	Nervous System Deaths	Nervous System Rate per 100,000	Circulatory System Deaths	Circulatory System Rate per 100,000	Respiratory System Deaths	Respiratory System Rate per 100,000	Digestive System Deaths	Digestive System Rate per 100,000
Under 5	1,904	134.0	210	13.7	5,621	366.2	7,198	469.9
5-9	282	19.8	121	8.5	510	35.9	401	28.2
10-19	400	15.5	326	12.6	1,095	42.5	565	21.9
20-29	480	23.2	516	24.9	1,642	79.3	627	30.3
30-39	659	41.8	909	57.7	1,460	92.7	724	46.0
40-49	1,123	98.0	1,450	126.6	1,319	115.1	871	76.0
50-59	1,721	209.1	2,129	258.7	1,266	153.8	976	118.6
60 & Over	6,661	864.2	9,426	1,223.0	5,427	704.1	2,700	350.3
Unknown	120		143		142		88	
All Ages	13,350	112.0	15,230	127.8	18,482	155.1	14,150	118.7

Year	Bright's Disease and Nephritis Deaths	Bright's Disease and Nephritis Rate per 100,000	Suicide Deaths	Suicide Rate per 100,000	Homicide Deaths	Homicide Rate per 100,000	Accident Deaths	Accident Rate per 100,000
Under 5	231	15.0	-	-	11	.7	1,258	82.0
5-9	74	5.2	-	-	3	.2	450	31.7
10-19	174	6.8	51	2.0	103	4.0	1,018	39.5
20-29	319	15.4	199	9.6	419	20.2	1,066	51.5
30-39	549	34.9	179	11.4	329	20.9	755	47.9
40-49	977	85.3	202	17.6	204	17.8	625	54.6
50-59	1,510	183.5	183	22.2	90	10.9	492	59.8
60 & Over	6,313	819.1	169	21.9	59	7.7	1,405	182.3
Unknown	99		9		30		163	
All Ages	10,246	86.0	992	8.3	1,248	10.5	7,232	60.7

MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

WHITE.

Year	Population	All Causes Deaths	All Causes Rate per 1,000	Puerperal State Deaths	Puerperal State Rate per 100,000	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000
Under 5	1,401,249	34,962	25.0	-	-	163	11.6
5-9	1,285,049	3,876	3.0	-	-	242	18.8
10-19	2,288,640	8,071	3.5	202	8.8	856	37.4
20-29	1,797,614	12,451	6.9	695	38.7	677	37.7
30-39	1,374,830	11,011	8.0	588	42.8	395	28.7
40-49	998,259	9,768	9.8	143	14.3	243	24.3
50-59	724,818	11,026	15.2	1	.1	182	25.1
60 & Over	684,076	41,637	60.9	-	-	168	24.6
Unknown		1,051		18		27	
All Ages	10,554,535	133,853	12.7	1,647	15.6	2,953	28.0

Year	Malaria Deaths	Malaria Rate per 100,000	Tuberculosis of Lungs Deaths	Tuberculosis of Lungs Rate per 100,000	Tuberculosis Other Forms Deaths	Tuberculosis Other Forms Rate per 100,000	Cancer Deaths	Cancer Rate per 100,000
Under 5	140	10.0	477	34.0	720	51.4	41	2.9
5-9	31	2.4	111	8.6	144	11.2	19	1.5
10-19	44	1.9	1,336	58.4	241	10.5	28	1.2
20-29	38	2.1	3,954	220.0	322	17.9	126	7.0
30-39	29	2.1	3,026	220.1	215	15.6	318	23.1
40-49	28	2.8	1,991	199.4	207	20.7	744	74.5
50-59	37	5.1	1,521	209.8	198	27.3	1,223	168.7
60 & Over	114	16.7	2,347	343.1	359	52.5	3,006	439.4
Unknown	6		141		15		31	
All Ages	467	4.4	14,904	141.2	2,421	22.9	5,536	52.5

MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

WHITE

Year	Nervous System Deaths	Nervous System Rate per 100,000	Circulatory System Deaths	Circulatory System Rate per 100,000	Respiratory System Deaths	Respiratory System Rate per 100,000	Digestive System Deaths	Digestive System Rate per 100,000
Under 5	1,682	120.0	180	12.8	4,501	321.2	6,351	453.2
5-9	258	20.1	109	8.5	412	32.1	355	27.6
10-19	342	14.9	257	11.2	881	38.5	502	21.9
20-29	364	20.2	376	20.9	1,209	67.3	470	26.1
30-39	477	34.7	551	40.1	1,067	77.6	523	38.0
40-49	800	90.1	905	90.7	929	93.1	657	65.8
50-59	1,320	182.1	1,473	203.2	940	129.7	788	108.7
60 & Over	5,799	847.7	8,107	1185.1	4,728	691.2	2,356	344.4
Unknown	72		83		99		65	
All Ages	11,114	105.3	12,041	114.1	14,766	139.9	12,067	114.3

Year	Bright's Disease and Nephritis Deaths	Bright's Disease and Nephritis Rate per 100,000	Suicide Deaths	Suicide Rate per 100,000	Homicide Deaths	Homicide Rate per 100,000	Accidents Deaths	Accidents Rate per 100,000
Under 5	185	13.2	-	-	10	.7	1,066	76.1
5-9	63	4.9	-	-	2	.2	373	29.0
10-19	147	6.4	50	2.2	46	2.0	857	37.4
20-29	219	12.2	186	10.3	195	10.8	875	48.7
30-39	368	26.8	168	12.2	181	13.2	596	43.4
40-49	657	65.8	195	19.5	150	15.0	514	51.5
50-59	1,095	151.1	175	24.1	63	8.7	425	58.6
60 & Over	5,359	783.4	166	24.3	47	6.9	1,242	181.6
Unknown	59		7		15		100	
All Ages	8,152	77.2	947	9.0	709	6.7	6,048	57.3

MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

COLORED

Year	Population	All Causes Deaths	All Causes Rate per 1,000	Puerperal State Deaths	Puerperal State Rate per 100,000	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000
Under 5	137,698	5,283	39.5	-	-	38	28.4
5-9	136,556	657	4.8	-	-	50	36.6
10-19	288,674	2,163	7.5	55	19.1	193	66.9
20-29	272,822	3,674	13.5	95	34.9	139	51.1
30-39	200,162	3,422	17.1	81	40.5	78	39.0
40-49	147,439	3,252	22.1	18	12.2	54	36.6
50-59	98,254	3,076	31.3	1	1.0	41	41.7
60 & Over	86,675	6,147	70.9	-	-	34	39.2
Unknown		521		2		5	
All Ages	1,363,680	28,195	20.7	252	18.5	632	46.3

Year	Malaria Deaths	Malaria Rate per 100,000	Tuberculosis of Lungs Deaths	Tuberculosis of Lungs Rate per 100,000	Other Forms Tuberculosis Deaths	Other Forms Tuberculosis Rate per 100,000	Cancer Deaths	Cancer Rate per 100,000
Under 5	27	20.2	214	160.1	127	95.0	2	1.5
5-9	12	8.8	115	84.2	45	33.0	3	2.2
10-19	19	6.6	790	273.7	123	42.6	6	2.1
20-29	17	6.2	1,435	527.1	132	48.5	15	5.5
30-39	15	7.5	975	487.1	96	48.0	82	41.0
40-49	11	7.5	583	395.4	66	44.8	135	91.6
50-59	22	22.4	347	353.2	39	39.7	173	176.1
60 & Over	28	32.3	307	354.2	37	42.7	245	282.7
Unknown	4		80		5		21	
All Ages	155	11.4	4,846	355.4	670	49.1	682	50.0

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MORTALITY IN KENTUCKY 1915-1919.

DEATHS FROM SPECIFIED CAUSES BY AGE.

COLORED

Year	Nervous System Deaths	Nervous System Rate per 100,000	Circulatory System Deaths	Circulatory System Rate per 100,000	Respiratory System Deaths	Respiratory System Rate per 100,000	Digestive System Deaths	Digestive System Rate per 100,000
Under 5	222	166.0	30	22.4	1,120	837.7	847	633.5
5-9	24	17.6	12	8.8	98	71.8	46	33.7
10-19	58	20.1	69	23.9	214	74.1	63	21.8
20-29	116	42.6	140	51.4	433	159.1	157	57.7
30-39	182	90.9	358	178.9	393	196.3	201	100.4
40-49	323	219.1	545	369.6	390	264.5	214	145.1
50-59	401	409.1	656	667.7	326	331.8	188	191.3
60 & Over	862	994.5	1,319	1,521.8	699	806.5	344	396.9
Unknown	48		60		43		23	
All Ages	2,236	164.0	3,189	233.9	3,716	272.5	2,083	152.7

Year	Bright's Disease and Nephritis Deaths	Bright's Disease and Nephritis Rate per 100,000	Suicide Deaths	Suicide Rate per 100,000	Homicide Deaths	Homicide Rate per 100,000	Accident Deaths	Accident Rate per 100,000
Under 5	46	34.4	-	-	1	.7	192	143.6
5-9	11	8.1	-	-	1	.7	77	56.4
10-19	27	9.4	1	.3	57	19.7	161	55.9
20-29	100	36.7	13	4.8	224	82.3	191	70.2
30-39	181	90.4	11	5.5	148	73.9	159	79.4
40-49	320	217.0	7	4.7	54	36.6	111	75.3
50-59	415	422.4	8	8.1	27	27.5	67	68.2
60 & Over	954	1100.7	3	3.5	12	13.8	163	188.1
Unknown	40		2		15		63	
All Ages	2,094	153.6	45	3.3	539	39.5	1,184	86.8

KENTUCKY DEATH RATE PER 1,000 OF POPULATION

ALL CAUSES - COUNTIES - 1915-1919.

County	Total Rate per 1,000	Influenza (1918-1919) Rate per 1,000	County	Total Rate per 1,000	Influenza (1918-1919) Rate per 1,000
Fayette	22.2	1.2	Robertson	13.0	0.5
Christian	20.4	1.4	Madison	12.9	0.8
Jefferson	17.5	1.1	Nicholas	12.9	1.2
McCracken	17.4	1.4	Allen	12.8	0.7
Fulton	17.0	1.1	McLean	12.8	1.0
Clark	16.8	0.9	Monroe	12.8	1.0
Franklin	16.7	1.4	Pendleton	12.8	1.1
Marion	16.7	2.0	Breckinridge	12.7	1.0
Henderson	16.3	1.3	Larue	12.7	1.0
Daviess	16.1	1.3	Adair	12.6	1.2
Boyle	16.0	1.1	Logan	12.6	0.8
Mason	15.6	1.0	Hardin	12.5	1.4
Woodforde	15.6	1.2	Graves	12.3	0.8
Bourbon	15.5	0.7	Owen	12.2	0.6
Fenton	15.5	1.2	Whitley	12.2	0.6
Nelson	15.5	1.0	Livingston	12.1	0.9
Grant	15.4	0.7	Wolfe	12.1	1.0
Jessamine	15.4	0.9	Gallatin	12.0	0.5
Lincoln	15.4	1.4	Garrard	12.0	1.2
Warren	15.3	1.5	Hancock	12.0	0.6
Bullitt	14.9	1.0	Caldwell	11.9	0.8
Barren	14.7	1.5	McCreary	11.9	1.5
Oldham	14.7	0.5	Ohio	11.9	1.1
Knox	14.6	1.8	Ballard	11.7	0.8
Todd	14.6	1.0	Elliott	11.7	1.1
Boyd	14.4	1.7	Hart	11.7	0.9
Anderson	14.3	1.3	Lyon	11.6	0.8
Carter	14.3	2.1	Morgan	11.6	1.3
Bath	14.2	0.9	Bell	11.5	1.2
Montgomery	14.2	1.0	Metcalfe	11.5	0.9
Simpson	14.1	0.9	Spencer	11.5	1.0
Greenup	14.0	1.5	Grayson	11.4	1.1
Meade	14.0	0.9	Harlan	11.4	1.8
Trigg	14.0	1.1	Lawrence	11.4	0.8
Hopkins	13.9	1.1	Pulaski	11.3	0.9
Mercer	13.8	0.5	Bracken	11.2	0.7
Scott	13.8	1.3	Boone	11.1	0.6
Henry	13.7	0.9	Edmonson	11.1	1.4
Muhlenberg	13.7	1.4	Pike	11.0	1.5
Rowan	13.7	1.5	Washington	10.6	0.8
Shelby	13.7	1.0	Johnson	10.4	1.4
The State(Kentucky)	13.6	1.1	Calloway	10.3	0.9
Harrison	13.5	0.6	Laurel	10.2	1.2
Campbell	13.4	1.0	Letcher	10.0	1.0
Fleming	13.4	1.2	Menifee	10.0	0.7
Carroll	13.3	0.7	Taylor	10.0	0.8
Wickman	13.3	0.8	Crittenden	9.9	0.8
Lewis	13.3	0.9	Rockcastle	9.9	1.2
Union	13.2	1.3	Casey	9.7	0.5
Webster	13.2	0.7	Green	9.7	0.5
Carlisle	13.1	0.9			

Kentucky Death Rate per 1,000 of Population

All Causes - Counties - 1915-1919.

County	Total Rate per 1,000	Influenza (1918-1919) Rate per 1,000
Marshall	9.6	0.7
Perry	9.5	1.7
Magoffin	9.4	0.8
Butler	9.3	0.7
Owsley	9.3	0.8
Knott	9.1	0.7
Russell	8.9	0.4
Leslie	8.8	1.4
Cumberland	8.7	0.6
Martin	8.7	1.3
Powell	8.3	0.4
Estill	8.2	1.2
Breathitt	7.9	1.2
Lee	7.9	0.6
Wayne	7.9	0.6
Clay	7.8	0.9
Trimble	7.0	0.4
Jackson	6.9	0.5
Floyd	6.0	1.1
Clinton	4.5	0.3

MORTALITY IN KENTUCKY 1915-1919.

County	Population	All Causes Number	All Causes Rate per 1,000	Typhoid Fever Number	Typhoid Fever Rate per 100,000	Cancer Number	Cancer Rate per 100,000
Adair	85,395	1,079	12.6	31	36.3	23	26.9
Allen	81,460	1,039	12.8	34	41.7	30	36.8
Anderson	50,110	717	14.3	31	61.9	34	67.9
Ballard	60,960	712	11.7	19	31.2	19	31.2
Barren	126,620	1,864	14.7	69	54.5	66	52.1
Bath	62,495	888	14.2	23	36.8	28	44.8
Bell	162,540	1,872	11.5	45	27.7	53	32.6
Boone	47,735	529	11.1	6	12.6	41	85.9
Bourbon	90,875	1,408	15.5	26	28.6	50	55.0
Boyd	138,940	2,001	14.4	49	35.3	69	49.7
Boyle	74,300	1,192	16.0	29	39.0	55	74.0
Bracken	51,240	574	11.2	12	23.4	34	66.4
Breathitt	99,080	795	7.9	19	19.2	16	16.1
Breckinridge	99,960	1,265	12.7	52	52.0	64	64.0
Bullitt	46,940	696	14.9	11	23.5	26	55.5
Butler	76,750	712	9.3	19	24.8	20	26.1
Caldwell	70,000	831	11.9	28	40.0	31	44.3
Calloway	102,775	1,059	10.3	33	32.1	37	36.0
Campbell	306,030	4,092	13.4	33	10.8	232	75.8
Carlisle	42,220	555	13.1	9	21.3	21	49.7
Carroll	41,470	552	13.3	6	14.5	28	67.5
Carter	111,685	1,601	14.3	36	32.2	30	26.9
Casey	83,870	814	9.7	34	40.5	17	20.3
Christian	183,090	3,729	20.4	93	50.8	112	61.2
Clark	87,910	1,474	16.8	34	38.7	71	80.9
Clay	96,360	754	7.8	7	7.3	17	17.6
Clinton	42,380	191	4.5	9	21.2	4	9.4
Crittenden	65,915	655	9.9	10	15.2	24	36.4
Cumberland	52,200	454	8.7	22	42.1	16	30.7
Daviess	203,940	3,288	16.1	63	30.9	117	57.4
Edmonson	53,905	596	11.1	21	39.0	19	35.2
Elliott	45,610	534	11.7	23	50.4	15	32.9
Estill	73,690	607	8.2	12	16.3	10	13.6
Fayette	264,415	5,866	22.2	83	31.4	232	87.7
Fleming	78,670	1,054	13.4	35	44.5	35	44.5
Floyd	126,000	751	6.0	20	15.9	6	4.8
Franklin	99,000	1,658	16.7	33	33.3	61	61.6
Fulton	74,550	1,271	17.0	20	26.8	28	37.6
Gallatin	23,385	280	12.0	3	12.8	9	38.5
Garrard	61,735	738	12.0	17	27.5	23	37.3
Grant	52,450	809	15.4	15	28.6	48	91.5
Graves	163,730	2,013	12.3	60	36.6	63	38.5
Grayson	99,675	1,133	11.4	38	38.1	28	28.1
Green	57,565	557	9.7	13	22.6	16	27.8
Greenup	98,200	1,370	14.0	42	42.8	35	35.6
Hancock	36,685	442	12.0	12	32.7	15	40.9
Hardin	119,440	1,497	12.5	35	29.3	61	51.1
Harlan	131,475	1,493	11.4	53	40.3	19	14.5

MORTALITY IN KENTUCKY 1915-1919
All Causes

County	Population	All Causes Number	All Causes Rate per 1,000	Typhoid Fever Number	Typhoid Fever Rate per 100,000	Cancer Number	Cancer Rate per 100,000
Harrison	80,390	1,083	13.5	19	23.6	49	61.0
Hart	92,250	1,082	11.7	37	40.1	40	43.4
Henderson	140,345	2,291	16.3	55	39.2	69	49.2
Henry	67,470	923	13.7	16	23.7	38	56.3
Hickman	53,095	705	13.3	18	33.9	29	54.6
Hopkins	170,430	2,370	13.9	68	39.9	91	53.4
Jackson	57,195	393	6.9	9	15.7	8	14.0
Jefferson	1,401,410	24,472	17.5	182	13.0	1,134	80.9
Jessamine	61,500	950	15.4	28	45.5	46	74.8
Johnson	95,305	991	10.4	33	34.6	22	23.1
Kenton	363,130	5,643	15.5	57	15.7	320	88.1
Knott	57,110	520	9.1	10	17.5	7	12.3
Knox	118,105	1,721	14.6	49	41.5	29	24.6
Larue	50,900	646	12.7	14	27.5	23	45.2
Laurel	99,064	1,008	10.2	26	26.2	22	22.2
Lawrence	91,230	1,037	11.4	37	40.6	27	29.6
Lee	56,540	448	7.9	7	12.4	8	14.1
Leslie	48,975	431	8.8	15	30.6	6	12.3
Letcher	104,705	1,050	10.0	24	22.9	8	7.6
Lewis	80,497	1,074	13.3	35	43.5	30	37.3
Lincoln	84,145	1,293	15.4	33	39.2	54	64.2
Livingston	49,815	603	12.1	13	26.1	13	26.1
Logan	119,880	1,509	12.6	45	37.5	56	46.7
Lyon	44,750	520	11.6	12	26.8	9	20.1
McCracken	183,280	3,193	17.4	45	24.6	90	49.1
McCreary	50,605	600	11.9	20	39.5	15	29.6
McLean	63,410	814	12.8	29	45.7	19	30.0
Madison	132,020	1,703	12.9	47	35.6	70	53.0
Magoffin	68,960	647	9.4	7	10.2	11	16.0
Marion	78,635	1,311	16.7	27	34.3	30	38.2
Marshall	76,685	739	9.6	15	19.6	19	24.8
Martin	37,730	329	8.7	11	29.2	5	13.3
Mason	89,925	1,403	15.6	19	21.1	55	61.2
Meade	47,660	666	14.0	28	58.7	33	69.2
Menifee	29,380	295	10.0	9	30.6	7	23.8
Mercer	73,065	1,009	13.8	27	37.0	46	63.0
Metcalfe	50,825	586	11.5	10	19.7	17	33.4
Monroe	70,365	900	12.8	31	44.1	33	46.9
Montgomery	62,000	883	14.2	20	32.3	50	80.6
Morgan	92,140	951	11.6	29	35.3	16	19.5
Muhlenberg	160,525	2,199	13.7	63	39.2	63	39.2
Nelson	81,535	1,260	15.5	29	35.6	50	61.3
Nicholas	50,395	652	12.9	16	31.7	29	57.5
Ohio	133,815	1,588	11.9	42	31.4	26	19.4
Oldham	37,875	558	14.7	5	13.2	23	60.7
Owen	65,010	791	12.2	12	18.5	44	67.7
Owsley	39,265	365	9.3	10	25.5	8	20.4
Pendleton	59,035	753	12.8	6	10.2	36	61.0
Perry	111,600	1,062	9.5	38	34.1	12	10.8
Pike	224,815	2,483	11.0	65	28.9	21	9.3
Powell	33,115	275	8.3	3	9.1	5	15.1
Pulaski	171,045	1,934	11.3	54	31.6	68	39.8

MORTALITY IN KENTUCKY 1915-1919.

County	Population	All Causes Number	All Causes Rate per 1,000	Typhoid Fever Number	Typhoid Fever Rate per 100,000	Cancer Number	Cancer Rate per 100,000
Robertson	19,695	257	13.0	8	40.6	5	25.4
Rockcastle	75,790	751	9.9	21	27.7	17	22.4
Rowan	47,240	648	13.7	23	48.7	20	42.3
Russell	57,990	516	8.9	16	27.6	14	24.1
Scott	78,680	1,085	13.8	15	19.1	45	57.2
Shelby	92,040	1,260	13.7	25	27.2	72	78.2
Simpson	56,140	792	14.1	27	48.1	40	71.3
Spencer	38,645	443	11.5	11	28.5	16	41.4
Taylor	60,810	609	10.0	11	18.1	30	49.3
Todd	79,495	1,159	14.6	33	41.5	36	45.3
Trigg	71,440	1,003	14.0	43	60.2	25	35.0
Trimble	30,702	214	7.0	6	19.5	9	29.3
Union	92,565	1,218	13.2	20	21.6	47	50.8
Warren	153,900	2,358	15.3	54	35.1	100	65.0
Washington	72,810	769	10.6	14	19.2	28	38.5
Wayne	82,020	644	7.9	16	19.5	12	14.6
Webster	104,050	1,369	13.2	52	50.0	39	37.5
Whitley	133,085	1,623	12.2	50	37.6	39	29.3
Wolfe	45,230	546	12.1	24	53.1	9	19.9
Woodforde	59,920	936	15.6	25	41.7	31	51.7
Kentucky	11,918,215	162,048	13.6	3,585	30.1	6,218	52.2

[illegible] IN [illegible] Y 1915-1919.

County	Pulmonary Tuberculosis Number	Pulmonary Tuberculosis Rate per 100,000	Other Forms Tuberculosis Number	Other Forms Tuberculosis Rate per 100,000	Pneumonia Number	Pneumonia Rate per 100,000
Adair	147	172.1	24	28.1	70	82.0
Allen	140	171.9	10	12.3	114	139.9
Anderson	96	191.6	14	27.9	81	161.6
Ballard	78	128.0	9	14.8	128	210.0
Barren	307	242.5	47	37.1	134	105.8
Bath	140	224.0	13	20.8	88	140.8
Bell	139	85.5	10	6.2	171	105.2
Boone	42	88.0	7	14.7	40	83.8
Bourbon	172	189.3	14	15.4	87	95.7
Boyd	187	134.6	28	20.2	207	149.0
Boyle	142	191.1	12	16.2	119	160.2
Bracken	67	130.8	10	19.5	45	87.8
Breathitt	66	66.6	3	3.0	52	52.5
Breckinridge	185	185.1	30	30.0	103	103.0
Bullitt	82	175.1	7	14.9	69	147.3
Butler	123	160.3	12	15.6	45	58.6
Caldwell	135	192.9	12	17.1	90	128.6
Calloway	144	140.1	10	9.7	95	92.4
Campbell	426	139.2	66	21.6	441	144.1
Carlisle	71	168.2	6	14.2	60	142.1
Carroll	74	178.4	11	26.5	44	106.1
Carter	151	135.2	29	26.0	145	129.8
Casey	122	145.5	9	10.7	64	76.3
Christian	587	320.6	75	41.0	275	150.2
Clark	172	195.9	35	39.9	121	137.8
Clay	74	76.8	3	3.1	53	55.0
Clinton	31	73.1	3	7.1	10	23.6
Crittenden	77	116.8	21	31.9	55	83.4
Cumberland	59	113.0	8	15.3	51	97.7
Daviess	399	195.6	52	25.5	249	122.1
Edmonson	70	129.9	5	9.3	49	90.9
Elliott	71	155.7	12	26.3	44	96.5
Estill	80	108.6	10	13.6	61	82.8
Fayette	696	263.2	77	29.1	606	229.2
Fleming	144	183.0	24	30.5	100	127.1
Floyd	68	54.0	9	7.1	63	50.0
Franklin	257	259.6	39	39.4	119	120.2
Fulton	145	194.5	7	9.4	112	150.2
Gallatin	31	132.6	7	29.9	17	72.7
Garrard	111	179.8	10	16.2	77	124.7
Grant	92	175.4	21	40.0	48	91.5
Graves	299	182.6	43	26.3	211	128.9
Grayson	147	147.5	20	20.1	124	124.4
Green	74	128.6	11	19.1	40	69.5
Greenup	120	122.2	16	16.3	142	144.6
Hancock	61	166.3	12	32.7	25	68.1
Hardin	184	154.1	20	16.7	124	103.8
Harlan	75	57.0	10	7.6	159	120.9
Harrison	158	196.5	14	17.4	112	139.3
Hart	162	175.6	29	31.4	79	85.6
Henderson	251	178.8	25	17.8	181	129.0

MORTALITY IN KENTUCKY 1915-1919.

County	Pulmonary Tuberculosis Number	Pulmonary Tuberculosis Rate per 100,000	Other Forms Tuberculosis Number	Other Forms Tuberculosis Rate per 100,000	Pneumonia Number	Pneumonia Rate per 100,000
Henry	118	174.9	13	19.3	90	133.4
Hickman	78	146.9	8	15.1	90	169.5
Hopkins	285	167.2	36	21.1	197	115.6
Jackson	36	62.9	8	14.0	41	71.7
Jefferson	2,931	209.1	330	23.5	2,826	201.7
Jessamine	91	148.0	22	35.8	103	167.5
Johnson	111	116.5	14	14.7	61	64.0
Kenton	693	190.8	79	21.8	551	151.7
Knott	49	85.8	6	10.5	41	71.8
Knox	135	114.3	13	11.0	156	132.1
Larue	90	176.8	22	43.2	51	100.2
Laurel	91	91.9	13	13.1	97	97.9
Lawrence	144	157.8	15	16.4	73	80.0
Lee	40	70.7	8	14.1	51	90.2
Leslie	31	63.3	4	8.2	28	57.2
Letcher	64	61.1	24	22.9	101	96.5
Lewis	121	150.3	18	22.4	76	94.4
Lincoln	161	191.3	19	22.6	94	111.7
Livingston	75	150.6	14	28.1	73	146.5
Logan	211	176.0	36	30.0	138	115.1
Lyon	68	152.0	6	13.4	47	105.0
McCracken	437	238.4	77	42.0	302	164.8
McCreary	39	77.1	11	21.7	51	100.8
McLean	116	182.9	15	23.7	81	127.7
Madison	198	150.0	27	20.5	157	118.9
Magoffin	48	69.6	6	8.7	32	46.4
Marion	130	165.3	11	14.0	99	125.9
Marshall	102	133.0	15	19.6	83	108.2
Martin	33	87.5	5	13.3	32	84.8
Mason	176	195.7	31	34.5	146	162.4
Meade	86	180.4	15	31.5	66	138.5
Menifee	31	105.5	12	40.8	15	51.1
Mercer	112	153.3	18	24.6	99	135.5
Metcalfe	87	171.2	16	31.5	46	90.5
Monroe	124	176.2	19	27.0	40	56.8
Montgomery	106	171.0	16	25.8	64	103.2
Morgan	110	133.9	17	20.7	75	91.3
Muhlenberg	274	170.7	37	23.0	194	120.9
Nelson	148	181.5	23	28.2	102	125.1
Nicholas	97	192.5	15	29.8	45	89.3
Ohio	164	122.6	28	20.9	185	138.3
Oldham	53	179.9	5	13.2	57	150.5
Owen	105	161.5	12	18.5	63	96.9
Owsley	41	104.4	1	2.5	19	48.4
Pendleton	82	138.9	20	33.9	57	96.6
Perry	78	69.9	13	11.6	95	85.1
Pike	191	85.0	25	11.1	178	79.2
Powell	41	123.8	2	6.0	10	30.2
Pulaski	276	161.4	29	17.0	165	96.4

MORTALITY IN KENTUCKY 1915-1919.

County	Pulmonary Tuberculosis Number	Pulmonary Tuberculosis Rate per 100,000	Other Forms Tuberculosis Number	Other Forms Tuberculosis Rate per 100,000	Pneumonia Number	Pneumonia Rate per 100,000
Robertson	37	187.9	4	20.3	24	121.9
Rockcastle	102	134.6	9	11.9	60	79.2
Rowan	74	156.6	16	33.9	38	80.4
Russell	87	150.0	11	19.0	33	56.9
Scott	116	147.4	16	20.3	88	111.8
Shelby	137	148.8	30	32.6	141	153.2
Simpson	120	213.8	10	17.8	57	101.5
Spencer	55	142.3	9	23.3	61	157.8
Taylor	72	118.4	10	16.4	56	92.1
Todd	196	246.6	24	30.2	102	128.3
Trigg	158	221.2	16	22.4	77	107.8
Trimble	23	74.9	-	-	19	61.9
Union	166	179.3	13	14.0	93	100.5
Warren	329	213.8	32	20.8	191	124.1
Washington	113	155.2	17	23.3	105	144.2
Wayne	60	73.2	8	9.8	38	46.3
Webster	173	166.3	8	7.7	137	131.7
Whitley	152	114.2	27	20.3	164	123.2
Wolfe	51	112.8	6	13.3	35	77.4
Woodforde	114	190.3	17	28.4	94	156.9
Kentucky	20,198	169.5	2,643	22.2	15,488	130.0

PELLAGRA MORTALITY IN KENTUCKY.

1915 - 1919

County	Population	Deaths	Rate per 100,000
Adair	85,395	8	9.4
Allen	81,460	11	13.5
Anderson	50,110	2	4.0
Ballard	60,960	2	3.3
Barren	126,620	1	.8
Bath	62,495	5	8.0
Bell	162,540	55	33.8
Boone	47,735	-	-
Bourbon	90,875	-	-
Boyd	138,940	1	.7
Boyle	74,300	3	4.0
Bracken	51,240	1	19.5
Breathitt	99,080	-	-
Breckinridge	99,960	1	1.0
Bullitt	46,840	3	6.4
Butler	76,750	3	3.9
Caldwell	70,000	2	2.9
Calloway	102,775	14	13.6
Campbell	306,030	-	-
Carlisle	42,220	3	7.1
Carroll	41,470	-	-
Carter	111,685	6	5.4
Casey	87,870	9	10.7
Christian	183,090	55	30.0
Clark	87,810	2	2.3
Clay	96,360	2	2.1
Clinton	42,380	-	-
Crittenden	65,915	7	10.6
Cumberland	52,200	1	1.9
Daviess	203,940	1	.5
Edmonson	53,905	3	5.6
Elliott	45,610	-	-
Estill	73,690	2	2.7
Fayette	264,415	76	28.7
Fleming	78,670	3	3.8
Floyd	126,000	2	1.6
Franklin	99,000	4	4.0
Fulton	74,550	4	5.4
Gallatin	23,385	1	4.3
Garrard	61,735	1	1.6
Grant	52,450	13	24.8
Graves	167,730	7	4.3
Grayson	99,675	1	1.0
Green	57,565	1	1.7
Greenup	98,200	1	1.0
Hancock	36,685	-	-
Hardin	119,440	-	-
Harlan	131,475	20	15.2

PELLAGRA MORTALITY IN KENTUCKY.

1915 - 1919

County	Population	Deaths	Rate per 100,000
Harrison	80,390	1	1.2
Hart	92,250	2	2.2
Henderson	140,345	-	-
Henry	67,470	2	3.0
Hickman	53,095	1	1.9
Hopkins	170,430	14	8.2
Jackson	57,195	3	5.2
Jefferson	1,401,410	33	2.4
Jessamine	61,500	-	-
Johnson	95,305	4	4.2
Kenton	363,130	2	.6
Knott	57,110	2	3.5
Knox	118,105	69	58.4
Larue	50,900	-	-
Laurel	99,064	17	17.2
Lawrence	91,230	3	3.3
Lee	56,540	-	-
Leslie	48,975	-	-
Letcher	104,705	1	1.0
Lewis	80,497	4	5.0
Lincoln	84,145	11	17.1
Livingston	49,815	5	10.0
Logan	119,880	8	6.7
Lyon	44,750	3	6.7
McCracken	183,280	14	7.6
McCreary	50,605	12	23.7
McLean	63,410	2	3.2
Madison	132,020	4	3.0
Magoffin	68,960	-	-
Marion	78,635	4	5.1
Marshall	76,685	2	2.6
Martin	37,730	3	8.0
Mason	89,925	-	-
Meade	47,660	-	-
Menifee	29,380	3	10.2
Mercer	73,065	-	-
Metcalfe	50,825	2	3.9
Monroe	70,365	3	4.3
Montgomery	62,000	1	1.6
Morgan	82,140	2	2.4
Muhlenberg	160,525	2	1.2
Nelson	81,535	-	-
Nicholas	50,395	-	-
Ohio	133,815	7	5.2
Oldham	37,875	-	-
Owen	65,010	1	1.5
Owsley	39,265	2	5.1
Pendleton	59,035	1	1.7
Perry	111,600	4	3.6

PELLAGRA MORTALITY IN KENTUCKY.

1915 - 1919

County	Population	Deaths	Rate per 100,000
Pike	224,815	17	7.6
Powell	33,115	-	-
Pulaski	171,045	8	4.6
Robertson	19,695	-	-
Rock Castle	75,780	7	9.2
Rowan	47,240	2	4.2
Russell	57,990	1	1.7
Scott	78,680	3	3.8
Shelby	92,040	-	-
Simpson	56,140	2	3.6
Spencer	38,645	-	-
Taylor	60,810	3	4.9
Todd	79,495	5	6.3
Trigg	71,440	3	4.2
Trimble	30,702	1	3.3
Union	92,565	-	-
Warren	153,900	5	3.2
Washington	72,810	-	-
Wayne	82,020	3	3.7
Webster	104,050	2	1.9
Whitley	137,085	61	45.8
Wolfe	45,230	-	-
Woodforde	59,920	-	-
The State	11,918,215	714	6.0

MORTALITY OF KENTUCKY BY PHYSICAL REGIONS 1915-1919.
INFECTIVE DISEASES OF CHILDREN.

Region	Under 10 Population	Diphtheria No.	Diphtheria Rate per 100,000	Scarlet Fever No.	Scarlet Fever Rate per 100,000	Measles No.	Measles Rate per 100,000	Whooping Cough No.	Whooping Cough Rate per 100,000
No. Central Bluegrass	552,401	280	50.7	61	11.0	202	36.6	371	67.2
The Knobs	613,700	434	70.7	40	6.5	278	45.3	355	57.8
The Knobs, Jefferson County (x)	242,066	159	65.7	12	5.0	116	47.9	124	51.2
The Knobs, Area exclusive of Jefferson Co.	371,634	275	74.0	28	7.5	162	43.6	231	62.2
Eastern Kentucky Mountains	790,078	563	71.3	59	7.5	488	61.8	519	65.7
Eastern Kentucky Mountains, Coal Co.	522,887	375	71.7	48	9.2	343	65.6	380	72.7
Eastern Kentucky Mountains, Area exclusive of Coal Counties	267,151	188	70.4	11	4.1	145	54.3	139	52.0
Southern and Southwestern Carboniferous Plateau	558,919	298	53.3	29	5.2	278	49.7	378	67.6
Western Kentucky Coal Field	271,961	180	66.2	41	15.1	144	52.9	242	89.0
Southwestern Mississippi Embayment	188,993	114	60.3	10	5.3	107	56.6	111	58.7

(x) Jefferson County includes Louisville.

INFANTILE MORTALITY.

Region	Live Births	Deaths Under 1 Year	Rate per 1,000
North-Central Bluegrass	58,089	5,087	87.6
The Knobs	62,529	5,162	82.6
The Knobs, Jefferson County (x)	24,294	2,399	98.7
The Knobs, Area exclusive of Jefferson County	38,235	2,763	72.3
Eastern Kentucky Mountains	82,353	6,685	81.2
Eastern Kentucky Mountains, Coal Counties	53,981	4,711	87.3
Eastern Kentucky Mountains, Area exclusive of Coal Counties	28,372	1,974	69.6
Southern and Southwestern Carboniferous Plateau	53,887	4,293	79.8
Western Kentucky Coal Field	29,355	2,770	94.4
Southwestern Mississippi Embayment	17,655	1,667	94.4

(x) Jefferson County includes Louisville.

KENTUCKY COUNTY. INFANT MORTALITY BASED UPON THE LIVE BIRTHS 1915-1919.

INFANT MORTALITY RATE PER 1,000 BIRTHS.

County	Rate	County	Rate	County	Rate
Fulton	151.2	Warren	84.0	Knott	64.8
McCracken	176.4	Anderson	82.6	Pendleton	64.3
Bourbon	128.9	Edmonson	82.5	Grayson	62.6
Christian	113.4	Fleming	82.4	Grant	62.0
Daviess	109.8	Nicholas	82.0	Clay	61.6
Fayette	109.2	Union	82.0	Wayne	61.3
Simpson	109.1	Campbell	81.5	Taylor	60.8
Clark	104.6	Scott	81.3	Menifee	60.5
Harlan	104.1	Adair	81.2	Bracken	60.2
Mason	102.8	Marshall	81.0	Powell	59.6
Muhlenberg	102.6	Elliott	80.8	Breathitt	58.9
Woodforde	102.0	Bath	80.5	Rockcastle	58.4
Henderson	100.5	Nelson	80.4	Trimble	57.1
Trigg	100.4	Ballard	80.3	Russell	56.6
Marion	100.2	Larue	79.5	Leslie	56.1
Hopkins	100.0	Logan	79.3	Owsley	56.1
Gallatin	99.6	Lyon	78.8	Martin	54.5
Jefferson	98.7	Ohio	78.6	Estill	54.1
Jessamine	98.7	Perry	78.6	Butler	53.3
Linton	98.4	Caldwell	77.7	Floyd	51.7
Bell	97.7	Harrison	76.9	Lee	50.3
Boyd	96.6	McLean	76.7	Jackson	47.0
Greenup	95.9	Johnson	76.5	Clinton	38.2
Hickman	95.9	Graves	75.6		
Boyle	95.8	Washington	75.5		
Lincoln	93.7	Hart	75.2		
Whitley	93.7	Hancock	74.8		
Pike	92.2	Mercer	74.6		
Letcher	91.9	Hardin	73.6		
Carter	90.8	Madison	73.6		
Montgomery	90.4	Magoffin	73.2		
Monroe	89.5	Rowan	73.0		
Knox	89.4	Pulaski	72.9		
Allen	89.3	Greene	72.6		
Henry	89.2	Boone	71.8		
Carlisle	88.3	Carroll	71.8		
Owen	87.7	Metcalfe	71.0		
Spencer	87.6	Lawrence	69.9		
Barren	87.4	Calloway	69.3		
Franklin	87.4	Garrard	68.2		
Morgan	87.4	Wolfe	68.2		
Todd	86.8	Meade	68.0		
Bullitt	86.3	Laurel	67.0		
Lewis	86.1	Cumberland	66.8		
Breckinridge	85.8	Livingston	66.4		
Shelby	85.3	Robertson	66.0		
Webster	84.7	Crittenden	65.7		
The State	84.6	Oldham	65.6		
McCreary	84.3	Casey	65.0		

INFANTILE MORTALITY IN KENTUCKY 1915-1919.

County	Living Births	Deaths Under 1 Year	Rate per 1,000
Adair	2,353	191	81.2
Allen	2,050	183	89.3
Anderson	1,344	111	82.6
Ballard	1,544	124	80.3
Barren	3,272	286	87.4
Bath	1,988	160	80.5
Bell	4,441	434	97.7
Boone	949	61	71.8
Bourbon	1,474	190	128.9
Boyd	4,038	390	96.6
Boyle	1,816	174	95.8
Bracken	1,179	71	60.2
Breathitt	3,173	187	58.9
Breckinridge	2,715	233	85.8
Bullitt	1,251	108	86.3
Butler	2,007	107	53.3
Caldwell	1,570	122	77.7
Calloway	2,584	179	69.3
Campbell	5,634	459	81.5
Carlisle	1,201	106	88.3
Carroll	1,058	76	71.8
Carter	4,318	392	90.8
Casey	2,492	162	65.0
Christian	3,951	448	113.4
Clark	2,036	213	104.6
Clay	3,148	194	61.6
Clinton	943	36	38.2
Crittenden	1,629	107	65.7
Cumberland	1,332	89	66.8
Daviess	5,045	554	109.8
Edmonson	1,625	134	82.5
Elliott	1,845	149	80.8
Estill	2,403	130	54.1
Fayette	4,467	488	109.2
Fleming	1,712	141	82.4
Floyd	3,407	176	51.7
Franklin	1,888	165	87.4
Fulton	1,270	192	151.2
Gallatin	492	49	99.6
Garrard	1,672	114	68.2
Grant	1,210	75	62.0
Graves	4,468	338	75.6
Grayson	2,874	180	62.6
Green	1,502	109	72.6
Greenup	3,577	343	95.9
Hancock	829	62	74.8
Hardin	2,487	183	73.6
Harlan	3,777	393	104.1
Harrison	1,976	152	76.9

INFANTILE MORTALITY IN KENTUCKY 1915-1919.

County	Living Births	Deaths Under 1 Year	Rate per 1000
Hart	2,579	194	75.2
Henderson	3,553	357	100.5
Henry	1,423	127	89.2
Hickman	1,272	122	95.9
Hopkins	4,212	421	100.0
Jackson	2,065	97	47.0
Jefferson	24,294	2,399	98.7
Jessamine	1,561	154	98.7
Johnson	3,597	275	76.5
Kenton	7,112	700	98.4
Knott	2,406	156	64.8
Knox	4,464	399	89.4
Larue	1,283	102	79.5
Laurel	3,299	221	67.0
Lawrence	3,004	210	69.9
Lee	1,629	82	50.3
Leslie	1,657	93	56.1
Letcher	3,167	291	91.9
Lewis	2,253	194	86.1
Lincoln	2,317	217	93.7
Livingston	1,386	92	66.4
Logan	2,750	218	79.3
Lyon	1,003	79	78.8
McCracken	3,168	432	136.4
McCreary	1,850	156	84.3
McLean	1,969	151	76.7
Madison	3,220	237	73.6
Magoffin	2,568	188	73.2
Marion	2,375	238	100.2
Marshall	2,148	174	81.0
Martin	1,358	74	54.5
Mason	1,782	185	103.8
Meade	1,382	94	68.0
Menifee	991	60	60.5
Mercer	1,824	136	74.6
Metcalfe	1,295	92	71.0
Monroe	2,100	188	89.5
Montgomery	1,505	136	90.4
Morgan	3,008	263	87.4
Muhlenberg	4,992	512	102.6
Nelson	2,352	189	80.4
Nicholas	1,146	94	82.0
Ohio	3,513	276	78.6
Oldham	732	48	65.6
Owen	1,687	148	87.7
Owsley	1,425	80	56.1
Pendleton	1,369	88	64.3
Perry	3,637	286	78.6
Pike	8,141	751	92.2
Powell	889	53	59.6

INFANTILE MORTALITY IN KENTUCKY 1915-1919.

County	Living Births	Deaths Under 1 Year	Rate per 1,000
Pulaski	4,716	344	72.9
Robertson	515	34	66.0
Rockcastle	2,379	139	58.4
Rowan	1,863	136	73.0
Russell	1,768	100	56.6
Scott	1,722	140	81.3
Shelby	1,957	167	85.3
Simpson	972	106	109.1
Spencer	879	77	87.6
Taylor	1,366	83	60.8
Todd	1,924	167	86.8
Trigg	1,633	164	100.4
Trimble	666	38	57.1
Union	2,609	214	82.0
Warren	3,502	294	84.0
Washington	1,986	150	75.5
Wayne	2,351	144	61.3
Webster	2,673	223	84.7
Whitley	4,697	440	93.7
Wolfe	1,671	114	68.2
Woodforde	1,431	146	102.0
Kentucky	304,367	25,751	84.6

MORTALITY IN KENTUCKY 1911-1919.

DEATHS FROM CHILDREN'S DISEASES, AGES UNDER 10, BY COLOR.

TOTAL.

Year	Population	Scarlet Fever No.	Scarlet Fever Rate per 100,000	Whooping Cough No.	Whooping Cough Rate per 100,000	Measles No.	Measles Rate per 100,000	Diphtheria and Croup No.	Diphtheria and Croup Rate per 100,000
1911	571,212	73	12.8	425	74.4	304	53.2	526	92.1
1912	574,423	61	10.6	337	58.7	37	6.4	694	120.8
1913	577,633	46	8.0	529	91.6	305	52.8	542	93.8
1914	580,844	51	8.8	342	58.9	176	30.3	484	83.3
1915	584,055	44	7.5	194	33.2	60	10.3	537	91.9
1916	587,265	52	8.9	312	53.1	134	22.8	387	65.9
1917	590,476	42	7.1	480	81.3	623	105.5	343	58.1
1918	593,687	38	6.4	863	145.4	224	37.7	305	51.4
1919	596,897	40	6.7	212	35.5	161	27.0	317	53.1
1915-1919	2,952,380	216	7.3	2,061	69.8	1,202	40.7	1,889	64.0

WHITE.

1911	519,495	72	13.9	342	65.8	263	50.6	505	97.2
1912	522,415	60	11.5	268	51.3	34	6.5	674	129.0
1913	525,334	46	8.8	436	83.0	290	55.2	518	98.6
1914	528,255	50	9.5	278	52.6	164	31.0	454	85.9
1915	531,175	43	8.1	157	29.6	58	10.9	508	95.6
1916	534,094	50	9.4	253	47.4	126	23.6	358	67.0
1917	537,015	42	7.8	408	76.0	564	105.0	330	61.5
1918	539,935	38	7.0	728	134.8	211	39.1	292	54.1
1919	542,854	38	7.0	174	32.1	147	27.1	306	56.4
1915-1919	2,685,073	211	7.9	1,720	64.1	1,106	41.2	1,794	66.8

COLORED.

1911	51,717	1	1.9	83	160.5	41	79.3	21	40.6
1912	52,008	1	1.9	69	132.7	3	5.8	20	38.5
1913	52,299	-	-	93	177.8	15	28.7	24	45.9
1914	52,589	1	1.9	64	121.7	12	22.8	30	57.0
1915	52,880	1	1.9	37	70.0	2	3.8	29	54.8
1916	53,171	2	3.8	59	111.0	8	15.0	29	54.5
1917	53,461	-	-	72	134.7	59	110.4	13	24.3
1918	53,752	-	-	135	251.2	13	24.2	13	24.2
1919	54,043	2	3.7	38	70.3	14	25.9	11	20.4
1915-1919	267,307	5	1.9	341	127.6	96	35.9	95	35.5

MORTALITY IN KENTUCKY 1915-1919.

DEATHS AMONG WHITES FROM CHILDREN'S DISEASES.

Year	Population	Measles		Scarlet Fever	
		Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 1	291,361	336	115.3	28	9.6
1	263,981	317	120.1	27	10.2
2	280,561	135	48.1	25	8.9
3	278,944	112	40.2	26	9.3
4	286,402	66	23.0	38	13.3
Under 5	1,401,249	966	68.9	144	10.3
5-9	1,285,049	140	10.9	67	5.2
All Ages	10,554,535	1,693	16.0	252	2.4

Year	Whooping Cough		Diphtheria & Croup	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 1	835	286.6	280	96.1
1	424	160.6	332	125.8
2	214	76.3	313	111.6
3	92	33.0	278	99.7
4	52	18.2	193	67.4
Under 5	1,617	115.4	1,396	99.6
5-9	103	8.0	398	31.0
All Ages	1,769	16.8	1,901	18.0

MORTALITY IN KENTUCKY 1915-1919.

DEATHS AMONG COLORED FROM CHILDREN'S DISEASES.

Year	Population	Measles		Scarlet Fever	
		Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 1	27,094	36	132.9	1	3.7
1	23,367	23	98.4	1	4.3
2	26,571	12	45.2	-	-
3	27,592	4	14.5	-	-
4	29,074	6	20.6	-	-
Under 5	133,698	81	60.6	2	1.5
5-9	136,556	15	11.0	3	2.2
All Ages	1,363,680	116	8.5	9	.7

Year	Whooping Cough		Diphtheria & Croup	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 1	146	538.9	32	118.1
1	97	415.1	13	55.6
2	33	124.2	13	48.9
3	31	112.4	13	47.1
4	15	51.6	11	37.8
Under 5	322	240.8	82	61.3
5-9	19	13.9	13	9.5
All Ages	352	25.8	106	7.8

MORTALITY IN KENTUCKY 1915-1919.

County	Population Under 10	Diphtheria and Croup No.	Diphtheria and Croup Rate per 100,000	Scarlet-Fever No.	Scarlet-Fever Rate per 100,000	Measles No.	Measles Rate per 100,000	Whooping Cough No.	Whooping Cough Rate per 100,000
Adair	23,994	5	20.8	-	-	10	41.7	30	125.0
Allen	20,417	10	49.0	-	-	10	49.0	14	68.6
Anderson	12,328	2	16.2	1	8.1	9	73.0	9	73.0
Ballard	15,583	6	38.5	-	-	14	89.8	4	25.7
Barren	32,520	26	80.0	2	6.2	26	80.0	20	61.5
Bath	15,892	16	100.7	-	-	6	37.8	8	50.3
Bell	49,007	26	53.1	2	4.1	34	69.4	39	79.6
Boone	9,142	1	10.9	1	10.9	2	21.9	4	43.8
Bourbon	17,871	11	61.6	2	11.2	8	44.8	13	72.7
Boyd	35,417	16	45.2	11	31.1	28	79.1	26	73.4
Boyle	15,541	5	32.2	2	12.9	5	32.2	11	70.8
Bracken	10,653	-	-	-	-	10	93.9	6	56.3
Breathitt	33,350	20	60.0	1	3.0	23	69.0	14	42.0
Breckinridge	26,313	12	45.6	-	-	12	45.6	21	79.8
Bullitt	11,894	9	75.7	-	-	9	75.7	5	42.0
Butler	21,274	14	65.8	-	-	6	28.2	8	37.6
Caldwell	17,044	6	35.2	-	-	6	35.2	11	64.5
Calloway	28,116	19	67.6	4	14.2	12	42.7	8	28.5
Campbell	55,367	16	28.9	4	7.2	11	19.9	34	61.4
Carlisle	10,480	8	76.3	-	-	5	47.7	13	124.0
Carroll	8,805	5	56.8	1	11.4	2	22.7	7	79.5
Carter	34,768	29	83.4	4	11.5	32	92.0	42	120.8
Casey	24,745	11	44.5	1	4.0	6	24.2	9	36.4
Christian	41,223	9	21.8	3	7.3	25	60.6	36	87.3
Clark	18,712	12	64.1	2	10.7	9	48.1	19	101.5
Clay	33,557	18	53.6	1	3.0	14	41.7	7	20.9
Clinton	12,709	-	-	2	15.7	2	15.7	4	31.5
Crittenden	16,504	8	48.5	1	6.1	8	48.5	7	42.4
Cumberland	15,513	7	45.1	3	19.3	2	12.9	1	6.4
Daviess	46,615	27	57.9	8	17.2	45	96.5	34	72.9
Edmonson	17,053	7	41.0	1	5.9	7	41.0	7	41.0
Elliott	15,360	12	78.1	1	6.5	10	65.1	8	52.1
Estill	23,405	13	55.5	1	4.3	19	81.2	7	29.9
Fayette	42,328	27	63.8	6	14.2	22	52.0	45	106.3
Fleming	18,279	15	82.1	9	49.2	4	21.9	22	120.4
Floyd	42,524	15	35.3	3	7.1	19	44.7	17	40.0
Franklin	18,783	18	95.8	1	5.3	11	58.6	13	69.2
Fulton	17,795	9	50.6	-	-	6	33.7	26	146.1
Gallatin	5,287	3	56.7	1	18.9	3	56.7	2	37.8
Garrard	15,815	7	44.3	2	12.6	3	19.0	7	44.3
Grant	11,470	5	43.6	2	17.4	6	52.3	7	61.0
Graves	43,590	26	59.6	2	4.6	33	75.7	20	45.9
Grayson	28,333	15	52.9	1	3.5	16	56.5	8	28.2
Green	15,643	4	25.6	-	-	10	63.9	14	89.5
Greenup	29,335	20	68.2	6	20.5	30	102.3	30	102.3
Hancock	8,934	1	11.2	1	11.2	6	67.2	2	22.4
Hardin	29,576	21	71.0	3	10.1	10	33.8	21	71.0
Harlan	44,796	27	60.3	-	-	18	40.2	19	42.4
Harrison	17,195	8	46.5	2	11.6	3	17.4	11	64.0

MORTALITY IN KENTUCKY 1915-1919.

County	Population	Diphtheria and Croup		Scarlet Fever		Measles		Whooping Cough	
		No.	Rate per 100,000	No.	Rate per 100,000	No.	Rate per 100,000	No.	Rate per 100,000
Hart	25,427	15	59.0	5	19.7	16	62.9	14	55.1
Henderson	31,773	25	78.7	4	12.6	22	69.2	35	110.2
Henry	14,153	6	42.4	-	-	2	14.1	9	63.6
Hickman	13,597	9	66.2	-	-	6	44.1	8	58.8
Hopkins	40,044	22	54.9	9	22.5	15	37.5	29	72.4
Jackson	19,310	3	15.5	1	5.2	4	20.7	10	51.8
Jefferson	242,066	159	65.7	12	5.0	116	47.9	124	51.2
Jessamine	12,951	8	61.8	1	7.7	2	15.4	12	92.7
Johnson	29,771	34	114.2	4	13.4	26	87.3	14	47.0
Kenton	66,209	31	46.8	11	16.6	12	18.1	36	54.4
Knott	20,656	23	111.3	1	4.8	19	92.0	10	48.4
Knox	37,526	51	135.9	6	16.0	42	111.9	46	122.6
Larue	13,171	6	45.6	-	-	5	38.0	17	129.1
Laurel	30,643	15	49.0	-	-	6	19.6	31	101.2
Lawrence	28,300	26	91.9	-	-	8	28.3	12	42.4
Lee	17,589	8	45.5	2	11.4	13	73.9	3	17.1
Leslie	17,629	8	45.4	-	-	6	34.0	8	45.4
Letcher	37,119	10	26.9	1	2.7	28	75.4	20	53.9
Lewis	21,890	42	191.9	1	4.6	14	64.0	15	68.5
Lincoln	21,435	15	70.0	2	9.3	14	65.3	17	79.3
Livingston	13,106	13	99.2	-	-	13	99.2	6	45.8
Logan	28,289	16	56.6	-	-	9	31.8	15	53.0
Lyon	11,284	2	17.7	2	17.7	10	88.6	3	26.6
McCracken	38,058	33	86.7	1	2.6	19	49.9	20	52.6
McCreary	15,458	19	122.9	-	-	3	19.4	9	58.2
McLean	16,761	4	23.9	1	6.0	13	77.6	7	41.8
Madison	33,227	22	66.2	2	6.0	19	57.2	15	45.1
Magoffin	23,066	14	60.7	-	-	9	39.0	16	69.4
Marion	20,754	13	62.6	-	-	7	33.7	22	106.0
Marshall	21,774	4	18.4	3	13.8	12	55.1	12	55.1
Martin	12,208	11	90.1	-	-	6	49.1	4	32.8
Mason	17,061	17	99.6	1	5.9	7	41.0	7	41.0
Meade	12,252	11	89.8	-	-	6	49.0	14	114.3
Menifee	9,593	10	104.2	2	20.8	4	41.7	4	41.7
Mercer	16,413	7	42.6	4	24.4	2	12.2	16	97.5
Metcalfe	14,363	10	69.6	1	7.0	10	69.6	16	111.4
Monroe	20,425	11	53.9	1	4.9	9	44.1	12	58.8
Montgomery	13,158	13	98.8	2	15.2	6	45.6	9	68.4
Morgan	25,229	23	91.2	8	31.7	16	63.4	15	59.5
Muhlenberg	43,093	38	88.2	5	11.6	14	32.5	34	78.9
Nelson	20,182	8	39.6	2	9.9	7	34.7	18	89.2
Nicholas	11,057	8	72.4	7	63.3	1	9.0	5	45.2
Ohio	34,589	34	98.3	8	23.1	21	60.7	20	57.8
Oldham	6,929	3	43.3	1	14.4	3	43.3	2	28.9
Owen	14,888	4	26.9	1	6.7	7	47.0	5	33.6
Owsley	12,977	12	92.5	-	-	8	61.6	10	77.1
Pendleton	13,132	2	15.2	-	-	1	7.6	2	15.2
Perry	39,336	18	45.8	1	2.5	24	61.0	18	45.8
Pike	74,848	82	109.6	6	8.0	51	68.1	65	86.8
Powell	9,726	9	92.5	-	-	3	30.8	1	10.3

Mortality in Kentucky 1915-1919.

County	Population	Diphtheria and Croup		Scarlet Fever		Measles		Whooping Cough	
		No.	Rate per 100,000	No.	Rate per 100,000	No.	Rate per 100,000	No.	Rate per 100,000
Pulaski	50,221	38	75.7	2	4.0	18	35.8	28	55.8
Robertson	4,693	4	85.2	1	21.3	8	170.5	5	106.5
Rockcastle	24,310	11	45.2	1	4.1	5	20.6	24	98.7
Rowan	15,231	23	151.0	2	13.1	10	65.7	15	98.5
Russell	17,043	8	46.9	1	5.9	4	23.5	10	58.7
Scott	16,120	7	43.4	-	-	7	43.4	17	105.5
Shelby	19,882	14	70.4	1	5.0	11	55.3	8	40.2
Simpson	12,433	12	96.5	-	-	9	72.4	6	48.3
Spencer	10,163	1	9.8	-	-	2	19.7	10	98.4
Taylor	15,857	11	69.4	1	6.3	6	37.8	5	31.5
Todd	18,953	12	63.3	1	5.3	5	26.4	18	95.0
Trigg	19,930	17	85.3	-	-	10	50.2	23	115.4
Trimble	7,204	3	41.6	-	-	1	13.9	4	55.5
Union	23,358	17	72.8	3	12.8	3	12.8	33	141.3
Warren	34,127	21	61.5	2	5.9	22	64.5	22	64.5
Washington	19,127	8	41.8	-	-	5	26.1	13	68.0
Wayne	25,255	5	19.8	1	4.0	9	35.6	11	43.6
Webster	26,794	12	44.8	2	7.5	5	18.7	18	67.2
Whitley	41,903	29	69.2	2	4.8	19	45.3	28	66.8
Wolfe	14,879	18	121.0	2	13.4	17	114.3	11	73.9
Woodforde	13,179	5	37.9	1	7.6	7	53.1	14	106.2
Kentucky	2,952,380	2,007	68.0	261	8.8	1,809	61.3	2,121	71.8

GENERAL DEATH RATE IN THE PRINCIPAL CITIES

OF KENTUCKY, 1915-1919.

RATE PER 1,000 OF POPULATION.

	Person		White		Colored	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
Covington	4823	17.2	4340	16.3	483	32.5
Frankfort	1044	21.0	695	19.2	349	25.7
Henderson	1174	19.6	735	16.7	439	27.8
Lexington	5178	26.0	3253	23.8	1925	30.9
Louisville	20206	17.4	14828	15.4	5378	27.1
Newport	1965	13.3	1866	12.9	99	33.5
Owensboro	1797	21.1	1391	20.3	406	24.5
Paducah	2483	20.5	1542	17.3	941	29.2

MORTALITY FROM TYPHOID FEVER, MALARIA AND TUBERCULOSIS

IN THE PRINCIPAL CITIES OF KENTUCKY, 1915-1919.

RATES PER 100,000 OF POPULATION.

	Typhoid Fever		Malaria		Tuberculosis of Lungs		Other Forms Tuberculosis	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Covington	51	18.2	2	0.7	607	216.5	75	26.7
Frankfort	19	38.1	-	-	182	365.4	16	32.1
Henderson	29	48.4	3	5.0	133	222.0	14	23.4
Lexington	69	34.6	-	-	600	301.0	77	38.6
Louisville	163	14.0	23	2.0	1953	168.0	281	24.2
Newport	14	9.5	-	-	232	157.0	31	21.0
Owensboro	40	46.9	9	10.6	212	248.7	39	45.7
Paducah	30	24.8	56	46.3	352	290.7	53	43.8

MORTALITY FROM CANCER, ORGANIC DISEASES OF THE HEART, RESPIRATORY DISEASE AND BRIGHT'S DISEASE IN THE PRINCIPAL CITIES OF KENTUCKY, 1915-1919.

RATES PER 100,000 OF POPULATION.

	Cancer		Organic Heart Disease		Respiratory Disease		Bright's Disease	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Covington	295	105.2	579	206.5	541	192.9	406	144.8
Frankfort	43	86.3	86	172.7	107	214.8	81	162.6
Henderson	42	70.1	143	238.7	106	177.0	89	148.6
Lexington	229	114.9	415	208.2	628	315.1	416	208.7
Louisville	1073	92.3	2077	178.7	3162	272.0	1937	166.6
Newport	100	67.7	215	145.5	258	174.6	178	120.5
Owensboro	80	93.8	115	134.9	185	217.0	128	150.1
Paducah	89	73.5	153	126.4	338	279.2	151	124.7

MORTALITY FROM VIOLENCE IN THE PRINCIPAL CITIES OF KENTUCKY, 1915-1919.

RATES PER 100,000 OF POPULATION.

	Suicide		Other Violence	
	Deaths	Rate	Deaths	Rate
Covington	37	13.2	265	94.5
Frankfort	5	10.0	58	116.4
Henderson	2	3.3	77	128.5
Lexington	45	22.6	291	146.0
Louisville	200	17.2	1053	90.6
Newport	17	11.5	82	55.5
Owensboro	10	11.7	80	93.8
Paducah	19	15.7	160	132.1

MORTALITY FROM THE ACUTE INFECTIOUS DISEASES OF CHILDHOOD IN THE PRINCIPAL CITIES OF KENTUCKY, 1915-1919.

RATES PER 100,000 OF POPULATION UNDER 10 YEARS OF AGE.

	Measles		Scarlet Fever		Whooping Cough		Diphtheria and Croup	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Covington	15	56.4	9	33.8	33	124.1	24	90.2
Frankfort	4	56.8	-	-	4	56.8	9	127.8
Henderson	8	72.8	1	9.1	19	172.9	10	91.0
Lexington	20	69.7	7	24.4	34	118.5	13	45.3
Louisville	130	67.5	13	6.7	120	62.3	136	70.6
Newport	13	50.3	3	11.6	21	81.2	11	42.5
Owensboro	25	163.7	2	13.1	20	130.9	13	85.1
Paducah	13	59.6	1	4.6	11	50.4	17	77.9

INFANTILE MORTALITY IN THE PRINCIPAL CITIES OF KENTUCKY, 1917-1919.

RATE PER 1,000 LIVE BIRTHS.

	Persons		White		Colored	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
Covington	341	146.4	316	145.4	25	161.3
Frankfort	39	95.6	25	72.7	14	218.8
Henderson	82	111.9	55	99.8	27	148.4
Lexington	264	129.3	159	97.0	105	261.8
Louisville	1275	106.7	973	92.8	302	207.7
Newport	160	92.8	148	87.9	12	292.7
Owensboro	164	141.3	137	133.0	27	206.1
Paducah	209	166.5	131	120.4	78	356.2

MORTALITY IN LOUISVILLE, KENTUCKY.

1874 - 1919.

Year	Population	All Causes		Typhoid Fever	
		Deaths	Rate per 1,000	Deaths	Rate per 100,000
1874	109,957	2,476	22.5	68	61.8
1875	112,258	-	-	-	-
1876	114,559	1,775	15.5	46	40.2
1877	116,860	1,989	17.0	44	37.7
1878	119,161	2,221	18.6	59	49.5
1879	121,482	2,580	21.2	75	61.7
1880	123,755	2,775	22.4	81	65.5
1881	127,497	2,761	21.7	135	105.9
1882	131,236				
1883	134,975	2,288	17.0	58	43.0
1884	138,714	2,851	20.6	155	111.7
1885	142,453				
1886	146,192	2,742	18.8	117	80.0
1887	149,931	2,862	19.1	120	80.0
1888	153,670	3,101	20.2	133	86.5
1889	157,409	3,192	20.3	144	91.5
1890	161,150	3,162	19.6	142	88.1
1891	165,026	3,087	18.7	130	78.8
1892	169,019	3,384	20.0	116	68.6
1893	173,110	3,266	18.9	135	78.0
1894	177,303	3,140	17.7	145	81.8
1895	181,600	3,369	18.6	126	69.4
1896	186,002	3,295	17.7	131	70.4
1897	190,514	3,105	16.3	93	48.8
1898	195,138	3,058	15.7	118	60.5
1899	199,876	3,519	17.6	75	37.5
1900	204,731	3,872	18.9	131	64.0
1901	206,815	3,833	18.5	96	46.4
1902	208,899	3,815	18.3	128	61.3
1903	210,983	4,021	19.1	129	61.1
1904	213,067	4,344	20.4	135	63.4
1905	215,151	4,020	18.7	110	51.1
1906	217,235	4,107	18.9	153	70.4
1907	219,319	4,146	18.9	156	71.1
1908	221,403	3,740	16.9	103	46.5
1909	223,487	3,456	15.5	100	44.7
1910	225,567	3,756	16.7	71	31.5
1911	226,557	3,661	16.2	54	23.8
1912	227,547	3,761	16.5	50	22.0
1913	228,537	3,784	16.6	54	23.6
1914	229,527	3,869	16.9	61	26.6
1915	230,517	3,550	15.4	33	14.3
1916	231,507	3,586	15.5	32	13.8
1917	232,497	3,919	16.9	37	15.9
1918	273,487	5,083	21.8	36	15.4
1919	274,477	4,068	17.3	25	10.7

MORTALITY IN LOUISVILLE, KENTUCKY.

1874 - 1919.

Year	Population	All Causes		Typhoid Fever	
		Deaths	Rate per 1,000	Deaths	Rate per 100,000
1875-1879	472,062	8,565	18.1	224	47.5
1880-1884	542,939	10,675	19.7	429	79.0
1885-1889	607,202	11,897	19.6	514	84.7
1890-1894	845,608	16,039	19.0	668	79.0
1895-1899	957,130	16,346	17.1	543	57.0
1900-1904	1,044,495	19,885	19.0	619	59.3
1905-1909	1,096,595	19,469	17.8	622	56.7
1910-1914	1,137,735	18,831	16.6	290	25.5
1915-1919	1,162,485	20,206	17.4	163	14.0
Average	7,862,251	141,913	18.0	4,072	51.8

[illegible]

MORTALITY IN LOUISVILLE, KENTUCKY.

1890-1919

Year	Population	Deaths	Rate per 1,000
1890	132,478	2,336	17.6
1891	135,467	2,288	16.9
1892	138,523	2,486	17.9
1893	141,648	2,423	17.1
1894	144,844	2,344	16.2
1895	148,112	2,496	16.9
1896	151,453	2,443	16.1
1897	154,870	2,295	14.8
1898	158,364	2,192	13.8
1899	161,937	2,590	16.0
1900	165,590	2,304	13.9
1901	167,482	2,582	15.4
1902	169,379	2,605	15.4
1903	171,280	2,722	15.9
1904	173,185	2,875	16.6
1905	175,094	2,838	16.2
1906	177,007	2,955	16.7
1907	178,924	2,904	16.2
1908	180,846	2,614	14.5
1909	182,772	2,494	13.6
1910	184,732	2,667	14.4
1911	185,543	2,597	14.0
1912	186,354	2,678	14.4
1913	187,165	2,737	14.6
1914	187,975	2,854	15.2
1915	188,786	2,538	13.4
1916	189,597	2,586	13.6
1917	190,408	2,853	15.0
1918	191,219	3,822	20.0
1919	192,029	3,029	15.8

COLORED MORTALITY IN LOUISVILLE, KENTUCKY.

1890 - 1919

Year	Population	Deaths	Rate per 1,000
1890	28,672	825	28.8
1891	29,559	799	27.0
1892	30,496	898	29.4
1893	31,462	843	26.8
1894	32,459	796	24.5
1895	33,488	873	26.1
1896	34,549	852	24.7
1897	35,644	810	22.7
1898	36,774	866	23.5
1899	37,939	929	24.5
1900	39,141	976	24.9
1901	39,333	935	23.8
1902	39,520	1,004	25.4
1903	39,703	1,060	26.7
1904	39,882	1,217	30.5
1905	40,057	1,159	28.9
1906	40,228	1,152	28.6
1907	40,395	1,242	30.8
1908	40,557	1,126	27.8
1909	40,715	962	23.6
1910	40,835	1,089	26.7
1911	41,014	1,064	25.9
1912	41,193	1,083	26.3
1913	41,372	1,047	25.3
1914	41,552	1,015	24.4
1915	41,731	1,012	24.3
1916	41,910	1,000	23.9
1917	42,089	1,066	25.3
1918	42,268	1,261	29.8
1919	42,448	1,039	24.5

WHITE MORTALITY IN LOUISVILLE, KENTUCKY.

1906 - 1919

Year	Population	All Causes		Typhoid Fever	
		Deaths	Rate per 1,000	Deaths	Rate per 100,000
1906	177,007	2,955	16.7	116	65.5
1907	178,924	2,904	16.2	114	63.7
1908	180,846	2,614	14.5	64	35.4
1909	182,772	2,494	13.6	62	33.9
1910	184,732	2,667	14.4	44	23.8
1911	185,543	2,597	14.0	33	17.8
1912	186,354	2,678	14.4	31	16.6
1913	187,165	2,737	14.6	37	19.8
1914	187,975	2,854	15.2	46	24.5
1915	188,786	2,538	13.4	24	12.7
1916	189,597	2,586	13.6	22	11.6
1917	190,408	2,853	15.0	27	14.2
1918	191,219	3,822	20.0	24	12.6
1919	192,029	3,029	15.8	19	9.9

COLORED MORTALITY IN LOUISVILLE, KENTUCKY.

1906-1919

Year	Population	All Causes		Typhoid Fever	
		Deaths	Rate per 1,000	Deaths	Rate per 100,000
1906	40,228	1,152	28.6	37	92.0
1907	40,395	1,242	30.7	42	104.0
1908	40,557	1,126	27.8	39	96.2
1909	40,715	962	23.6	38	93.3
1910	40,835	1,089	23.7	27	66.1
1911	41,014	1,064	25.9	21	51.2
1912	41,193	1,083	26.3	19	46.1
1913	41,372	1,047	25.3	17	41.1
1914	41,552	1,015	24.4	15	36.1
1915	41,731	1,012	24.3	9	21.6
1916	41,910	1,000	23.9	10	23.9
1917	42,089	1,066	25.3	10	23.8
1918	42,268	1,261	29.8	12	28.4
1919	42,448	1,039	24.5	6	14.1

MORTALITY IN LOUISVILLE, KENTUCKY.

DEATHS FROM ALL CAUSES BY AGE.

1890 - 1894

Year	Deaths from All Causes	Rate per 1,000 Pop.
Under 5	4,772	58.5
5-9	631	7.5
10-19	1,127	6.7
20-29	1,836	9.9
30-39	1,503	10.1
40-49	1,328	18.5
50-59	1,426	29.7
60 and Over	3,135	67.5
All Ages	16,071	19.0

1915 - 1919

Year	Deaths from All Causes	Rate per 1,000 Pop.
Under 5	3,131	32.0
5-9	418	4.4
10-19	887	4.1
20-29	2,116	8.7
30-39	2,293	11.7
40-49	2,482	17.0
50-59	2,710	29.1
60 and Over	6,145	81.1
All Ages	20,206	17.4

MORTALITY IN LOUISVILLE, KENTUCKY.

1890 - 1919.

Year	Population	Malaria		All Forms Tuberculosis	
		Deaths	Rate per 100,000	Deaths	Rate per 100,000
1890	161,150	23	14.3	462	286.7
1891	165,026	25	15.1	476	288.4
1892	169,019	31	18.3	502	297.0
1893	173,110	28	16.2	455	262.8
1894	177,303	25	14.1	446	251.5
1895	181,600	6	3.3	435	239.5
1896	186,002	10	5.4	424	228.0
1897	190,514	13	6.8	447	234.6
1898	195,138	13	6.7	396	202.9
1899	199,876	10	5.0	472	236.1
1900	204,731	9	4.4	466	227.6
1901	206,815	15	7.3	455	220.0
1902	208,899	11	5.3	446	213.5
1903	210,983	5	2.4	504	238.9
1904	213,067	13	6.1	570	267.5
1905	215,151	14	6.5	545	253.3
1906	217,235	8	3.7	517	238.0
1907	219,319	13	5.9	493	224.8
1908	221,403	9	4.1	479	216.3
1909	223,487	8	3.6	480	214.8
1910	225,567	8	3.5	542	240.3
1911	226,557	12	5.3	537	237.0
1912	227,547	10	4.4	479	210.5
1913	228,537	8	3.5	432	189.0
1914	229,527	9	3.9	499	217.4
1915	230,517	7	3.0	440	190.9
1916	231,507	3	1.3	435	187.9
1917	232,497	6	2.6	430	184.9
1918	233,487	2	.9	509	218.0
1919	234,477	5	2.1	420	179.1
1890-1894	845,608	132	15.6	2,341	276.8
1895-1899	953,130	52	6.1	2,174	254.8
1900-1904	1,044,495	53	5.1	2,441	233.7
1905-1909	1,096,595	52	4.7	2,514	229.3
1910-1914	1,137,735	47	4.1	2,489	218.8
1915-1919	1,162,485	23	2.0	2,234	192.2
Average	6,240,048	359	5.8	14,193	227.5

MORTALITY IN LOUISVILLE, KENTUCKY, 1915-1919.

MORTALITY FROM SPECIFIED CAUSES BY AGE.

TOTAL.

Year	Population	All Causes Deaths	All Causes Rate per 1,000	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000	Malaria Deaths	Malaria Rate per 100,000
Under 5	97,986	3,131	32.0	2	2.0	3	3.1
5-9	94,975	418	4.4	14	14.7	1	1.1
10-19	214,699	887	4.1	33	15.4	1	.5
20-29	243,087	2,116	8.7	44	18.1	3	1.2
30-39	196,332	2,293	11.7	36	18.3	4	2.0
40-49	146,427	2,482	17.0	14	9.6	1	.7
50-59	93,208	2,710	29.1	14	15.0	6	6.4
60 and over	75,771	6,145	81.1	6	7.9	4	5.3
All Ages	1,162,485	20,206	17.4	163	14.0	23	2.0
Unknown		24		-		-	

Year	Tuberculosis of Lungs Deaths	Tuberculosis of Lungs Rate per 100,000	Other Forms Tuberculosis Deaths	Other Forms Tuberculosis Rate per 100,000	Nephritis and Bright's Disease Deaths	Nephritis and Bright's Disease Rate per 100,000
Under 5	24	24.5	95	97.0	25	25.5
5-9	14	14.7	22	23.2	10	10.5
10-19	184	85.7	32	14.9	26	12.1
20-29	574	236.1	35	14.4	72	29.6
30-39	487	248.0	29	14.8	131	66.7
40-49	326	222.6	21	14.3	272	185.8
50-59	205	219.9	25	26.8	404	433.4
60 and over	134	176.8	22	29.0	996	1,314.5
All Ages	1,953	168.0	281	24.2	1,937	166.6
Unknown	5		-		1	

Year	Cancer Deaths	Cancer Rate per 100,000	Suicide Deaths	Suicide Rate per 100,000
Under 5	4	4.1	-	-
5-9	3	3.2	-	-
10-19	6	2.8	4	1.9
20-29	24	9.9	36	14.8
30-39	89	45.3	39	19.9
40-49	192	131.1	44	30.0
50-59	292	313.3	48	51.5
60 and over	462	609.7	29	38.3
All Ages	1,073	92.3	200	17.2
Unknown	1		-	

MORTALITY IN LOUISVILLE, KENTUCKY, 1915-1919.

MORTALITY AMONG WHITES FROM SPECIFIED CAUSES BY AGE

Year	Population	All Causes Deaths	All Causes Rate per 1,000	Typhoid Fever Deaths	Typhoid Fever Rate per 100,000	Malaria Deaths	Malaria Rate per 100,000
Under 5	86,191	2,356	27.3	1	1.2	3	3.5
5-9	82,826	326	3.9	10	12.1	-	-
10-19	182,868	616	3.4	23	12.6	1	.5
20-29	193,386	1,440	7.4	32	16.5	2	1.0
30-39	155,517	1,442	9.3	24	15.4	1	.6
40-49	119,358	1,608	13.5	11	9.2	-	-
50-59	78,397	1,916	24.4	9	11.5	-	-
60-and Over	65,219	5,113	78.4	6	9.2	2	3.1
Unknown		11		-		-	
All Ages	963,762	14,828	15.4	116	12.0	9	.9

Year	Tuberculosis of Lungs Deaths	Tuberculosis of Lungs Rate per 100,000	Other Forms Tuberculosis Deaths	Other Forms Tuberculosis Rate per 100,000	Cancer Deaths	Cancer Rate per 100,000
Under 5	10	11.6	75	87.0	4	4.6
5-9	4	4.8	17	20.5	2	2.4
10-19	97	53.0	17	9.3	6	3.3
20-29	360	186.2	22	11.4	21	10.9
30-39	293	188.4	19	12.2	67	43.1
40-49	202	169.2	17	14.2	151	126.5
50-59	125	159.4	17	21.7	254	324.0
60 and Over	98	150.3	19	29.1	429	657.8
Unknown	2		-		1	
All Ages	1,191	123.6	203	21.1	935	97.0

Year	Nephritis and Bright's Disease Deaths	Nephritis and Bright's Disease Rate per 100,000	Suicide Deaths	Suicide Rate per 100,000
Under 5	19	22.0	-	-
5-9	6	7.2	-	-
10-19	22	12.0	4	2.2
20-29	39	20.2	35	18.1
30-39	67	47.1	38	24.4
40-49	163	136.6	43	36.0
50-59	278	354.6	48	61.2
60 and Over	823	1,261.9	27	41.4
Unknown	-	-	-	-
All Ages	1,417	147.0	195	20.2

MORTALITY IN LOUISVILLE, KENTUCKY, 1915-1919.

MORTALITY AMONG COLORED FROM SPECIFIED CAUSES BY AGE.

Year	Population	All Causes		Typhoid Fever		Malaria	
		Deaths	Rate per 1,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 5	11,795	775	65.7	1	8.5	-	-
5-9	12,149	92	7.6	4	32.9	1	8.2
10-19	31,831	271	8.5	10	31.4	-	-
20-29	49,701	676	13.6	12	24.1	1	2.0
30-39	40,815	851	20.9	12	29.4	3	7.4
40-49	27,069	874	32.3	3	11.1	1	3.7
50-59	14,811	794	53.6	5	33.8	6	40.5
60 and Over	10,552	1,032	97.8	-	-	2	19.0
Unknown		13		-		-	
All Ages	198,723	5,378	27.1	47	23.7	14	7.0

Year	Tuberculosis of Lungs		Other Forms Tuberculosis		Cancer	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 5	14	118.7	20	169.6	-	-
5-9	10	82.3	5	41.2	1	8.2
10-19	87	273.3	15	47.1	-	-
20-29	214	430.6	13	26.2	3	6.0
30-39	194	475.3	10	24.5	22	53.9
40-49	124	458.1	4	14.8	41	151.5
50-59	80	540.1	8	54.0	38	256.6
60 and Over	36	341.2	3	28.4	33	312.7
Unknown	3		-		-	
All Ages	762	383.4	78	39.3	138	69.4

Year	Nephritis and Bright's Disease		Suicide	
	Deaths	Rate per 100,000	Deaths	Rate per 100,000
Under 5	6	50.9	-	-
5-9	4	32.9	-	-
10-19	4	12.6	-	-
20-29	33	66.4	1	2.0
30-39	64	156.8	1	2.5
40-49	109	402.7	1	3.7
50-59	126	850.7	-	-
60 and Over	173	1,679.5	2	19.0
Unknown	1		-	
All Ages	520	261.7	5	2.5

MORTALITY IN LOUISVILLE, KENTUCKY, 1915-1919.

MORTALITY FROM CHILDREN'S DISEASES BY AGE.

TOTAL

Year	Population	Whooping Cough No.	Whooping Cough Rate per 100,000	Diphtheria and Croup No.	Diphtheria and Croup Rate per 100,000	Measles No.	Measles Rate per 100,000	Scarlet Fever No.	Scarlet Fever Rate per 100,000
Under 1	19,518	60	307.4	6	30.7	26	133.2	-	-
1	18,960	24	126.6	9	47.5	40	211.0	-	-
2	19,971	15	75.1	15	75.1	21	105.2	-	-
3	19,716	7	35.5	21	106.5	15	76.1	2	10.1
4	19,821	6	30.3	17	85.8	5	25.2	-	-
Under 5	97,986	112	114.3	68	69.4	107	109.2	2	2.0
5-9	94,975	8	8.4	50	52.6	11	11.6	6	6.3
All Ages	1,162,405	120	10.3	136	11.7	130	11.2	13	1.1

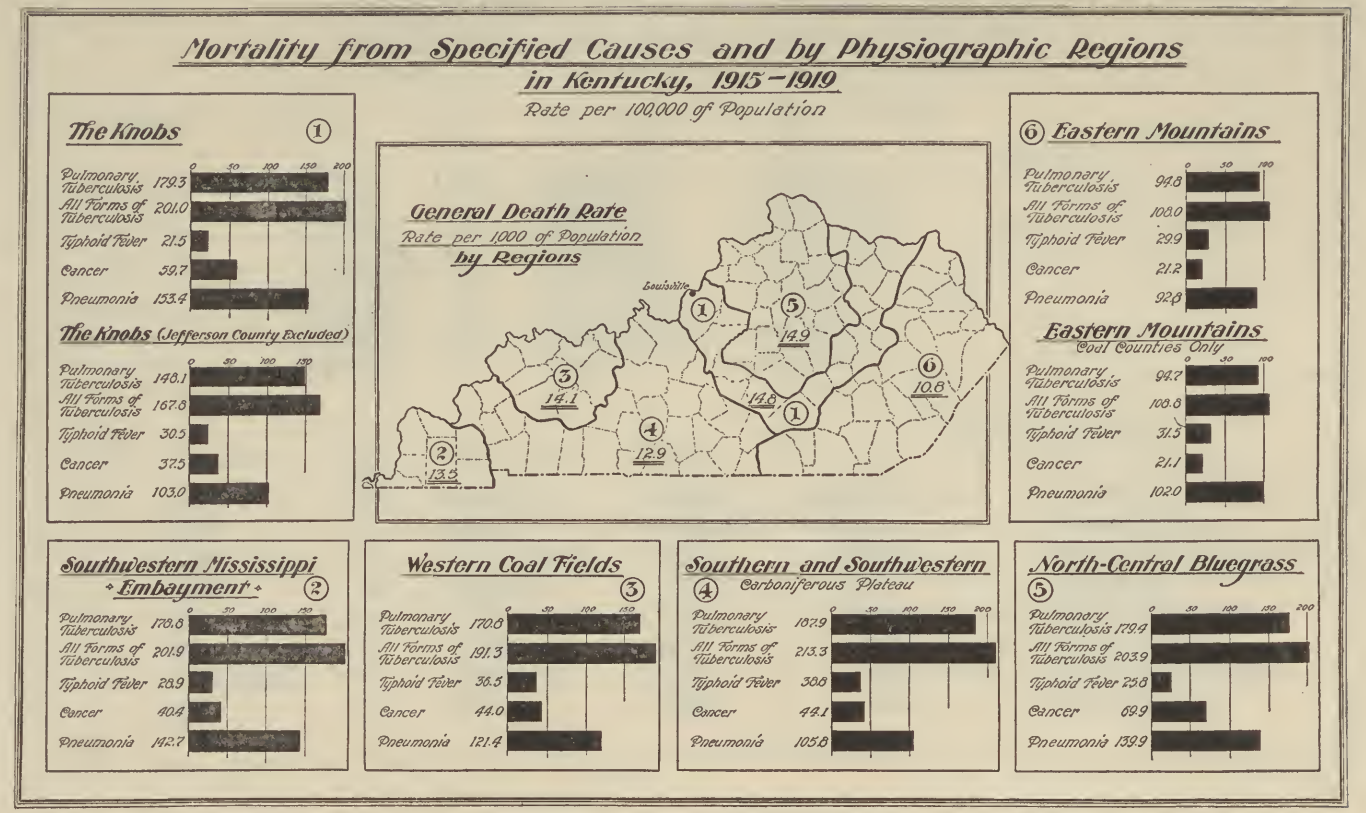
WHITE

Under 1	17,060	42	246.2	3	17.6	19	111.4	-	-
1	16,800	17	101.2	8	47.6	33	196.4	-	-
2	17,496	8	45.7	14	80.0	17	97.2	-	-
3	17,433	2	11.5	19	109.0	11	63.1	2	11.5
4	17,402	1	5.7	16	91.9	4	23.0	-	-
Under 5	86,191	70	81.2	60	69.6	84	97.5	2	2.3
5-9	82,826	5	6.0	47	56.7	7	8.5	4	4.8
All Ages	963,762	75	7.8	125	13.0	102	10.6	11	1.1

COLORED

Under 1	2,458	18	732.3	3	122.1	7	284.8	-	-
1	2,160	7	324.1	1	46.3	7	324.1	-	-
2	2,475	7	282.8	1	40.4	4	161.6	-	-
3	2,283	5	219.0	2	87.6	4	175.2	-	-
4	2,419	5	206.7	1	41.3	1	41.3	-	-
Under 5	11,795	42	356.1	8	67.8	23	195.0	-	-
5-9	12,149	3	24.7	3	24.7	4	32.9	2	16.5
All Ages	199,723	45	22.6	11	5.5	28	14.1	2	1.0

Sanitary Progress of Kentucky

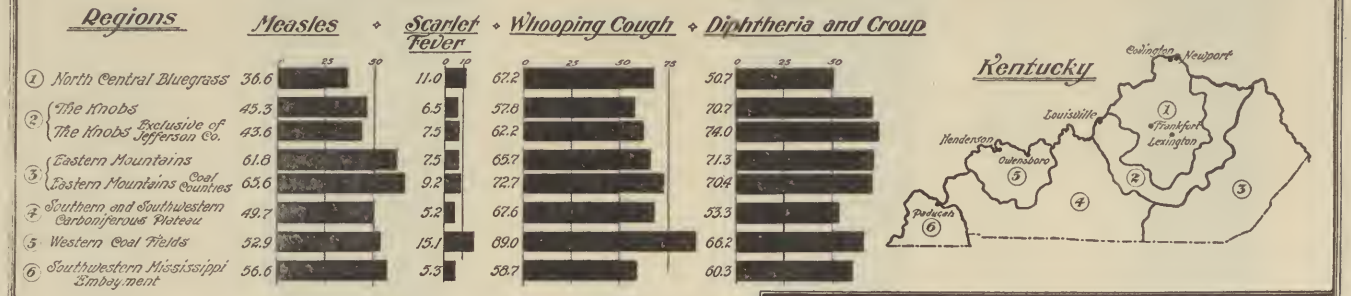


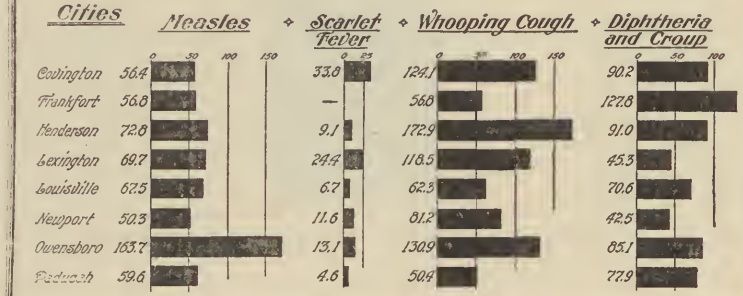
Statistician's Department, The Prudential Insurance Company of America

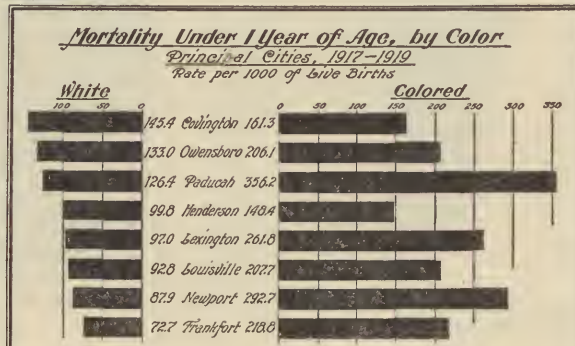
Sanitary Progress of Kentucky

Mortality from Diseases of Children, 1915 – 1919
by Physiographic Regions and Principal Cities

Rates per 100,000 of Population Under 10 Years of Age







Statistician's Department, The Prudential Insurance Company of America

Sanitary Progress of Kentucky

Crude Death Rate by Counties, 1915-1919

Rate per 1000 of Population

Counties	
Fayette	22.2
Christian	20.4
Jefferson	17.5
McCracken	17.4
Fulton	17.0
Clark	16.8
Franklin	16.7
Marion	16.7
Henderson	16.3
Daviess	16.1
Boyle	16.0
Mason	15.6
Woodforde	15.6
Bourbon	15.5
Kenton	15.5
Nelson	15.5
Grant	15.4
Jessamine	15.4
Lincoln	15.4
Warren	15.3
Bullitt	14.9
Barren	14.7
Oldham	14.7
Knox	14.6
Todd	14.6
Boyd	14.4
Anderson	14.3
Carter	14.3
Bath	14.2
Montgomery	14.2
Simpson	14.1
Greenup	14.0
Meade	14.0
Trigg	14.0
Hopkins	13.9
Mercer	13.8
Scott	13.8
Henry	13.7
Muhlenberg	13.7
Rowan	13.7

The State	13.6
Shelby	13.7
Harrison	13.5
Campbell	13.4
Fleming	13.4
Carroll	13.3
Hickman	13.3
Lewis	13.3
Union	13.2
Webster	13.2
Carlisle	13.1
Robertson	13.0
Madison	12.9
Nicholas	12.9
Allen	12.8
McLean	12.8
Monroe	12.8
Pendleton	12.8
Breckenridge	12.7
Larue	12.7
Adair	12.6
Logan	12.6
Hardin	12.5
Graves	12.3
Owen	12.2
Whitley	12.2
Livingston	12.1
Wolfe	12.1
Gallatin	12.0
Garrard	12.0
Hancock	12.0
Caldwell	11.9
McCreary	11.9
Ohio	11.9
Ballard	11.7
Elliott	11.7
Hart	11.7
Lyon	11.6
Morgan	11.6
Bell	11.5
Metcalfe	11.5

Counties	
Spencer	11.5
Grayson	11.4
Harlan	11.4
Lawrence	11.4
Pulaski	11.3
Bracken	11.2
Boone	11.1
Edmonson	11.1
Pike	11.0
Washington	10.6
Johnson	10.4
Calloway	10.3
Laurel	10.2
Letcher	10.0
Menifee	10.0
Taylor	10.0
Crittenden	9.9
Rockcastle	9.9
Casey	9.7
Green	9.7
Marshall	9.6
Perry	9.5
Magoffin	9.4
Butler	9.3
Owsley	9.3
Knott	9.1
Russell	8.9
Leslie	8.8
Cumberland	8.7
Martin	8.7
Powell	8.3
Estill	8.2
Breathitt	7.9
Lee	7.9
Wayne	7.9
Clay	7.8
Trimble	7.0
Jackson	6.9
Floyd	6.0
Clinton	4.5

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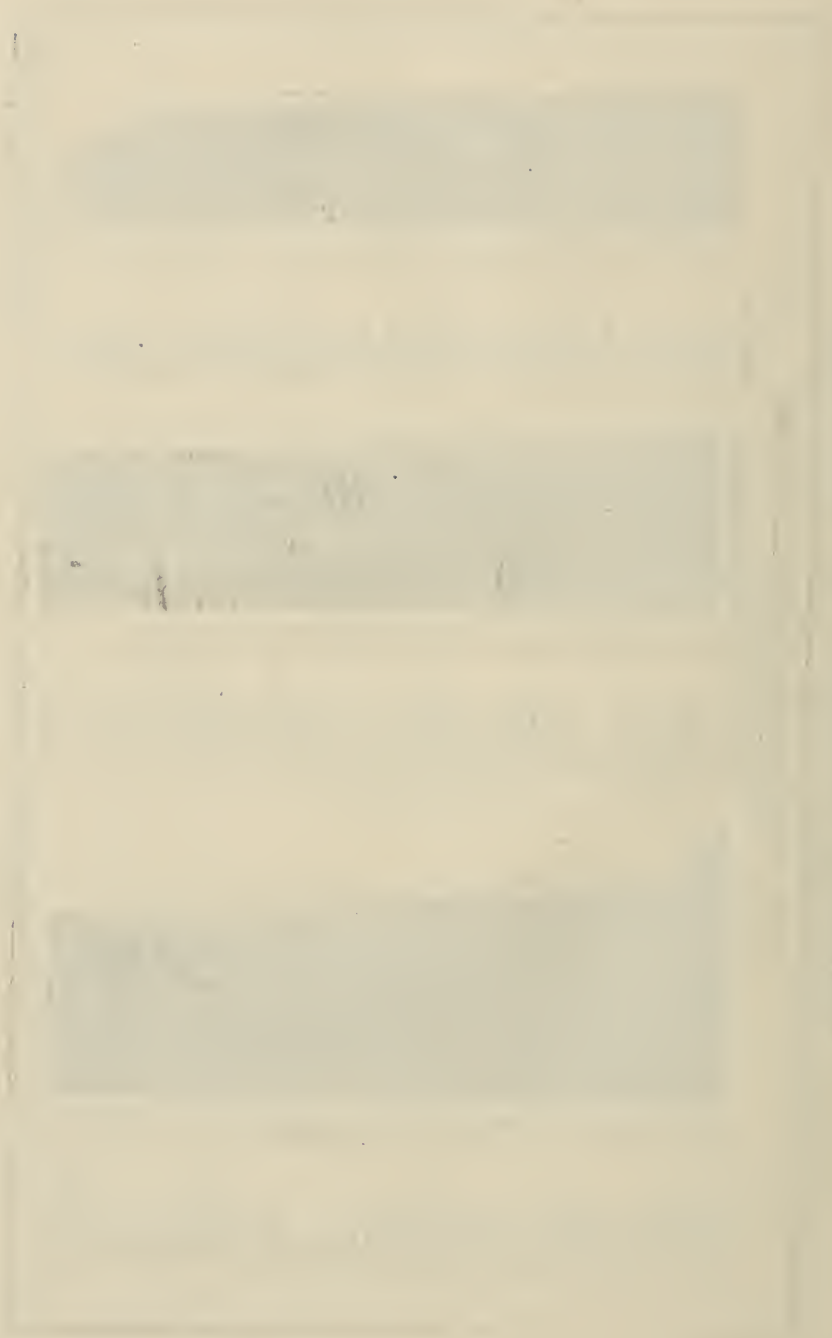
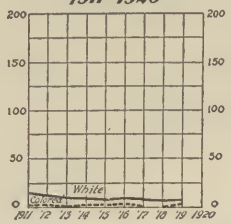


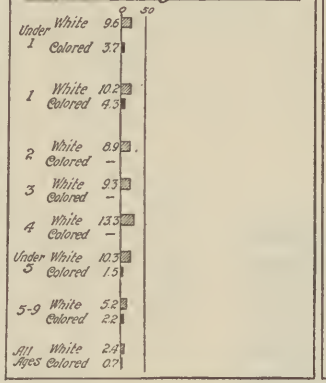
Mortality from Diseases of Childhood

Rates per 100,000 of Population, Ages Under 10

Scarlet Fever 1911-1920

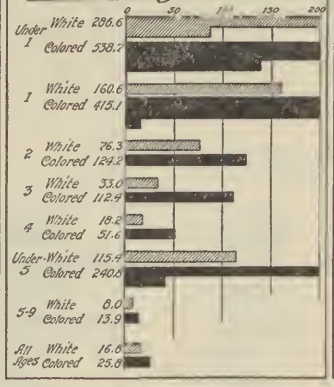


Race and Age, 1915-1919

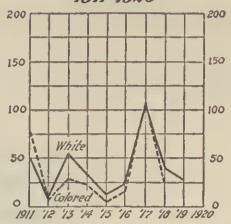


Whooping Cough 1911-1920

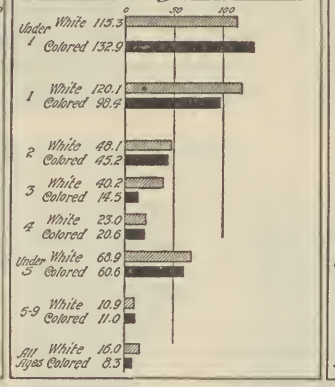
Race and Age, 1915-1919



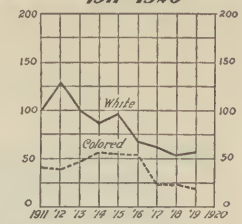
Measles 1911-1920



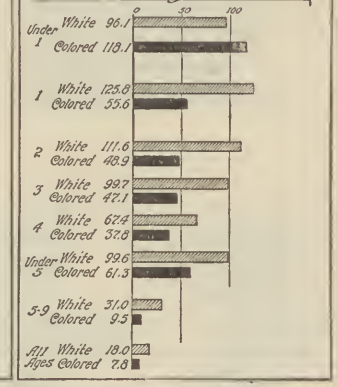
Race and Age, 1915-1919



Diphtheria and Croup 1911-1920



Race and Age, 1915-1919

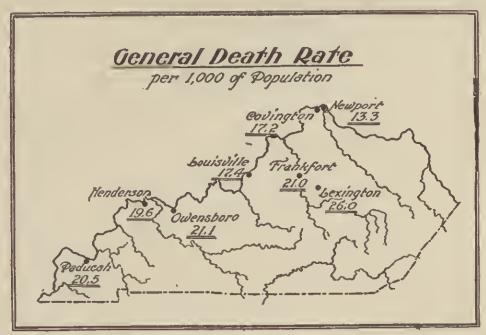


Statistician's Department, The Prudential Insurance Company of America

Sanitary Progress of Kentucky

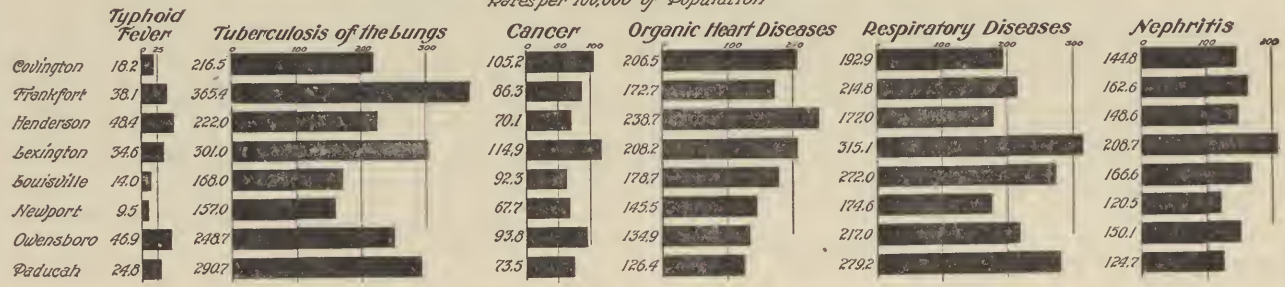
Mortality in Principal Cities, 1915–1919

General Death Rate
per 1,000 of Population



Mortality from All Causes, by Color
Rate per 1,000 of Population

Mortality from Specified Causes
Rates per 100,000 of Population



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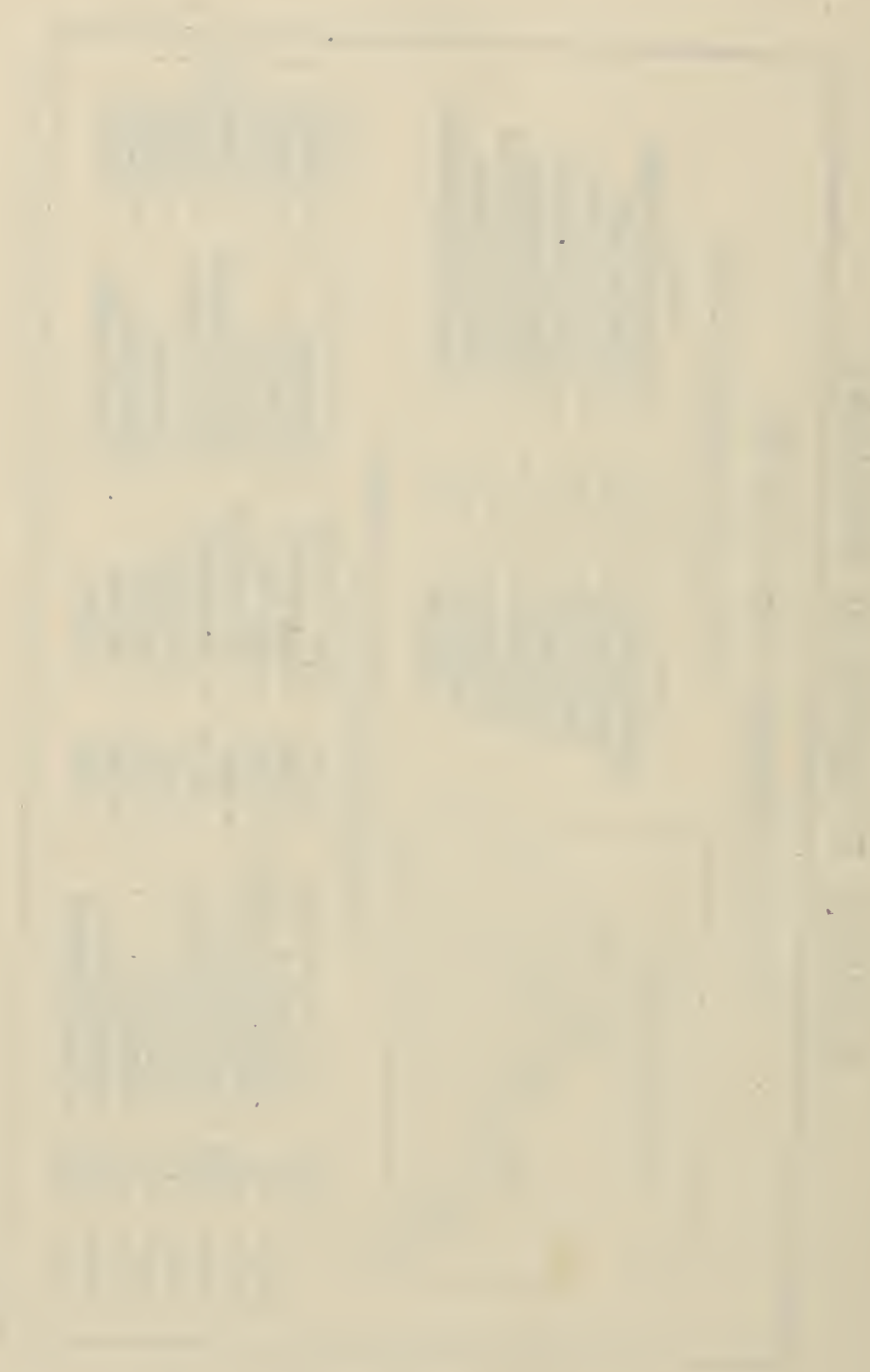
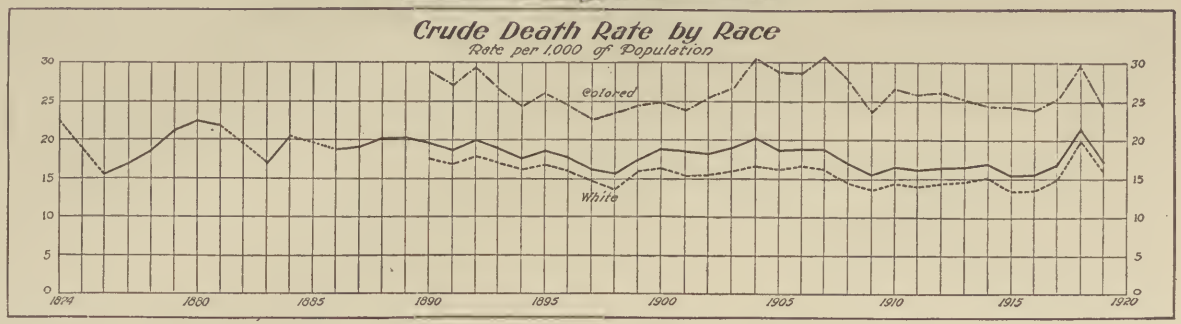
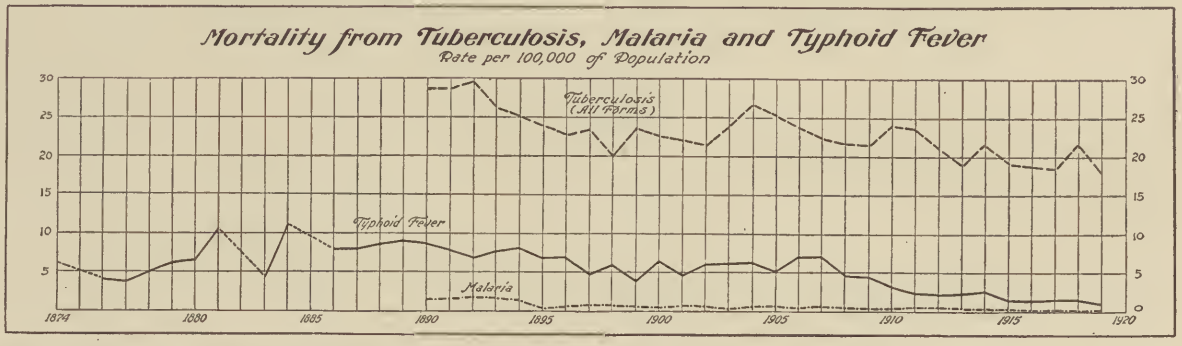


Sanitary Progress of Kentucky

Mortality from All Causes and Specified Causes
— Louisville, Ky., 1874 - 1920 —





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